VALIDATED DATA FOR SDGs 175, 176, 177, 193, 195, 218, 221

OF THE CAMP EDWARDS IMPACT AREA GROUNDWATER STUDY

MASSACHUSETTS MILITARY RESERVATION CAPE COD, MASSACHUSETTS

Prepared for

NATIONAL GUARD BUREAU ARLINGTON, VIRGINIA

Prepared by

OGDEN ENVIRONMENTAL AND ENERGY SERVICES
239 Littleton Road, Suite 1B
Westford, Massachusetts 01886



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^{*} No samples scheduled for EPA method/matrix SDG's 175, 176, 177 are presented with Drinking Water Data

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No samples selectured for EPA methodopathix. SDG*8775, 176, 177 are processed with Dreaking Water Data

DATA VALIDATION QUALIFIER REFERENCE TABLE

Qualifier	Organics	Inorganics
U	The analyte was analyzed for, but was not detected above the reported sample quantitation limit.	The material was analyzed for, but was not detected above the level of the associated value. The associated value is either the sample quantitation limit or the sample detection limit
J	The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.	The associated value is an estimated quantity.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification."	Not applicable.
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.	Not applicable.
UJ	The analyte was not deemed above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.	The material was analyzed for, but was not detected. The associated value is an estimate and may be inaccurate or imprecise.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and to meet quality control criteria. The presence or absence of the analyte cannot be verified.	The data are unusable. (Note: Analyte may or may not be present).

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VALIDATION QUALIFICATION CODE REFERENCE TABLE

Qualifier	Organics	Inorganics
Н	Holding times were exceeded.	Holding times were exceeded.
S	Surrogate recovery was outside QC limits.	The sequence or number of standards used for the calibration was incorrect.
С	Calibration %RSD or %D were noncompliant.	Correlation coefficient is <0.995.
R	Calibration RRF was <0.05.	%R for calibration is not within control limits.
В	Presumed contamination from preparation (method) blank.	Presumed contamination from preparation (method) or calibration blank.
L	Not applicable.	Laboratory Control Sample %R were not within control limits.
Q	MS/MSD recovery was poor or RPD high.	MS recovery was poor.
Е	Not applicable.	Duplicates showed poor agreement.
I	Internal standard performance was unsatisfactory.	ICP ICS results were unsatisfactory.
A	Not applicable.	ICP Serial Dilution %D were not within control limits.
M	Tuning (BFB or DFTPP) was noncompliant.	Not applicable.
T	Presumed contamination from trip blank.	Not applicable.
+	False positive - reported compound was not present.	Not applicable.
-	False negative - compound was present but not reported.	Not applicable.
F	Presumed contamination from FB or ER.	Presumed contamination from FB or ER.
\$	Reported result or other information was incorrect.	Reported result or other information was incorrect.
?	TIC identity or reported retention time has been changed.	Not applicable.
D	The analysis with this flag should not be used because another more technically sound analysis is available.	The analysis with this flag should not be used because another more technically sound analysis is available.
P	Instrument performance for pesticides was poor.	Post Digestion Spike recovery was not within control limits.
#	Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk () will indicate the subsection where a description of the problem can be found.	Unusual problems found with the data that have been described in Section 1, "Data Validation Findings." The number following the asterisk (*) will indicate the subsection where a description of the problem can be found.

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The analysis with this dag about not be used because unallier more sectionally social analysis is available.	
merument performance for period/C win	Foot Digestion Spiler receivery was and walter count builts.
The soft and are slaw bound to a slow hammed to the form of the soft of the so	Dencyal problems from I with the does not help a control of the co

GC/HPLC	Indicates compound was analyzed for but not detected above the reporting limit.	Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.	
GC/MS	Indicates compound was analyzed for but not detected above the reporting limit	Indicates an estimated value. This flag is used when the result is less than the reporting limit, but > ½ reporting limit.	
Metals	Entered if the analyte was analyzed for but not detected, less than IDL.	Not Applicable	
Inorganics	If the analyte was analyzed for but not detected, a "U" shall be entered	Not Applicable	
Organics	This flag indicates the compound was analyzed for but not detected. The CRQL shall be adjusted according to the equation listed in Exhibit D. CRQL's are listed in Exhibit C.	This flag indicates an estimated value. This flag is used (1) when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, (2) when the mass spectral and retention time data indicated the presence of a compound that meets the votatile and semivolatile GC/MS identification criteria, and the result is less than the CRQL but greater than zero, and (3) when the retention time data indicate the presence of a compound that meets the pesticide/Aroclor identification criteria, and the result is less than the CRQL but greater than zero. For example, if the sample quantification limit is 10 ug/L, but a concentration of 3 ug/L is calculated, report it as 31.	NOTE: The J flag is not used and the compound is not reported as being identified for pesticide/Aroclor results less than the CRQL if the pesticide residue analysis expert determines that the peaks used for compound identification resulted from instrumentation noise or other interferences (column bleed, solvent contamination, etc.).
Qualifier	U	٦	



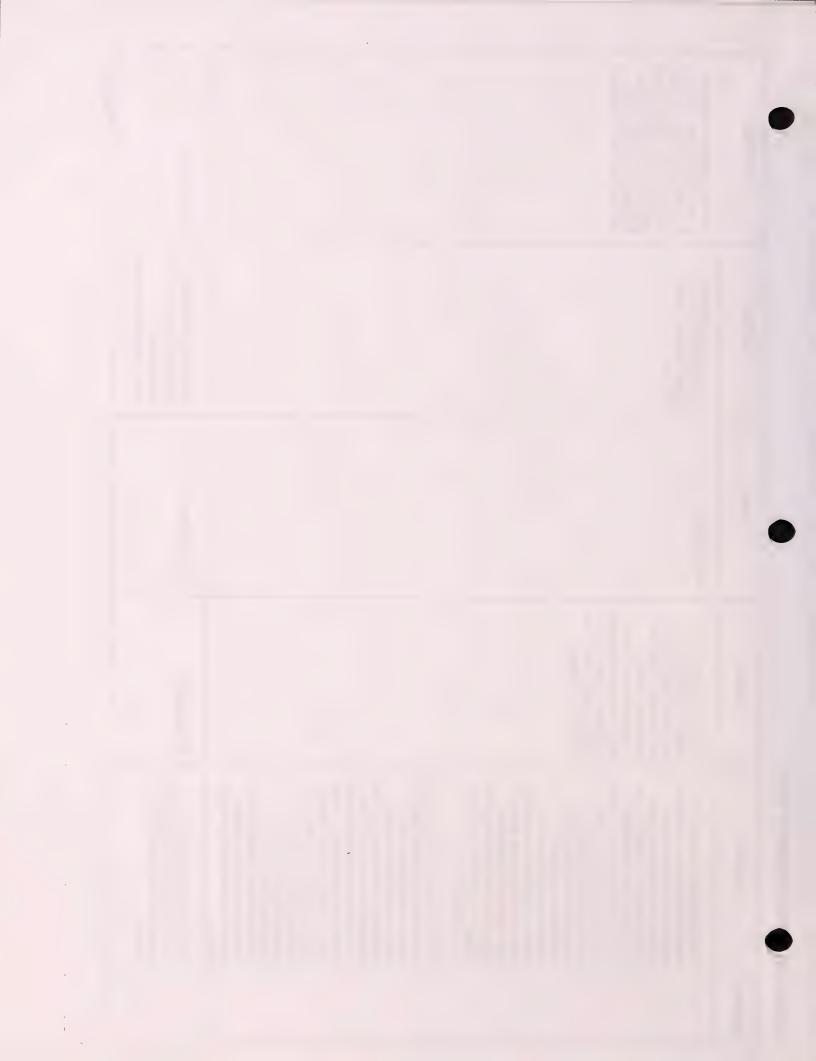
Qualifier	Organics	Inorganics	Metals	GC/MS	GC/HPLC
Z	This flag indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TIC's), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N flag is not used.	Spiked sample recovery not within control limits.	Matrix spiked sample recovery not within control limits.	Not Applicable	Not Applicable
<u>σ</u> ,	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns (see Form X). The lower of the two values is reported on Form I and flagged with a P.	Not Applicable	For ICP	Not Applicable	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25.0% difference for detected concentrations between the two analytical columns. The lower of the two values is reported on the Form I and flagged with a "P".
U	This flag applies to pesticide results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag; use a laboratory-defined flag instead (see the X qualifier).	Not Applicable	Not Applicable	Not Applicable	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
E (Furnace)	Not Applicable	Not Applicable	Analytical spike recovery is less than 40%. An explanatory note is included on the specific form to which applies	Not Applicable	Not Applicable
E (ICP)	Not Applicable	Not Applicable	The reported value is estimated because of the presence of interference.	Not Applicable	Not Applicable



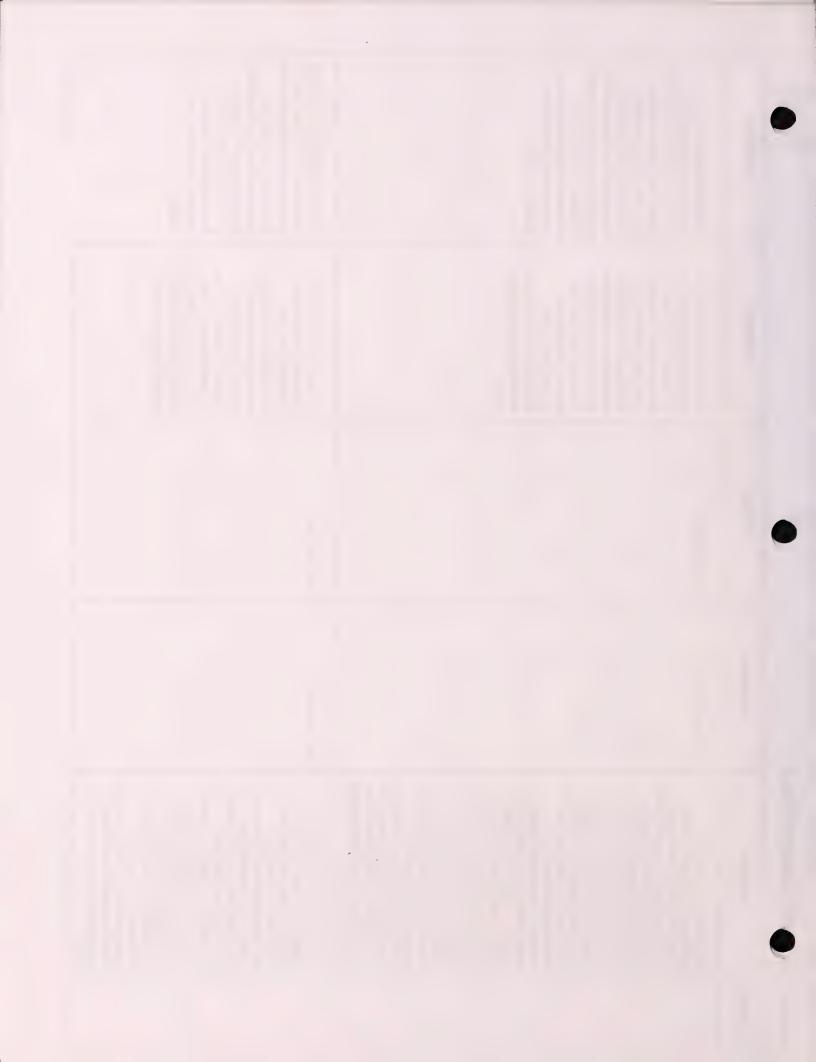
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	GC/HPLC	This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of calibration range, the extract shall be diluted and re-analyzed.		Not Applicable
	GC/MS	Compound quantitation is above the instrument's calibration range for this analysis.		The reported Tentatively Identified Compound (TIC) is a suspected Aldol-condensation product.
	Metals	Not Applicable		Not Applicable
	Inorganics	The reported value is estimated because of the presence of interference. An explanatory note shall be included under Comments on the Cover Page (if the problem applies to all samples) or on the specific FORM I-IN (if it's an isolated problem).		Not Applicable
	Organics	This flag identifies compounds whose concentrations exceed the upper level of the calibration range of the instrument for that specific analysis. If one or more compounds have a response greater than the upper level of the calibration range, the sample or extract shall be diluted and reanalyzed according to the specification in Exhibit D; exceptions are also noted in Exhibit D. All such compounds with a response greater than the upper level of the calibration range shall have the concentration flagged with an E on Form I for the original analysis.	NOTE: For total xylenes, where three isomers are quantified as two peaks, the calibration range of each peak shall be considered separately. For example, a diluted analysis is not required for total xylenes unless the concentration of the peak representing the single isomer exceeds 200 ug/L or the peak representing the two coeluting isomers on that GC column exceeds 400 ug/L. Similarly, if the two 1,2-Dichloroethene isomers coelute, a diluted analysis is not required unless the concentration exceeds 400 ug/L.	This flag indicates that a tentatively identified compound is a suspected aldol-condensation product
	Qualifier	Е		∢

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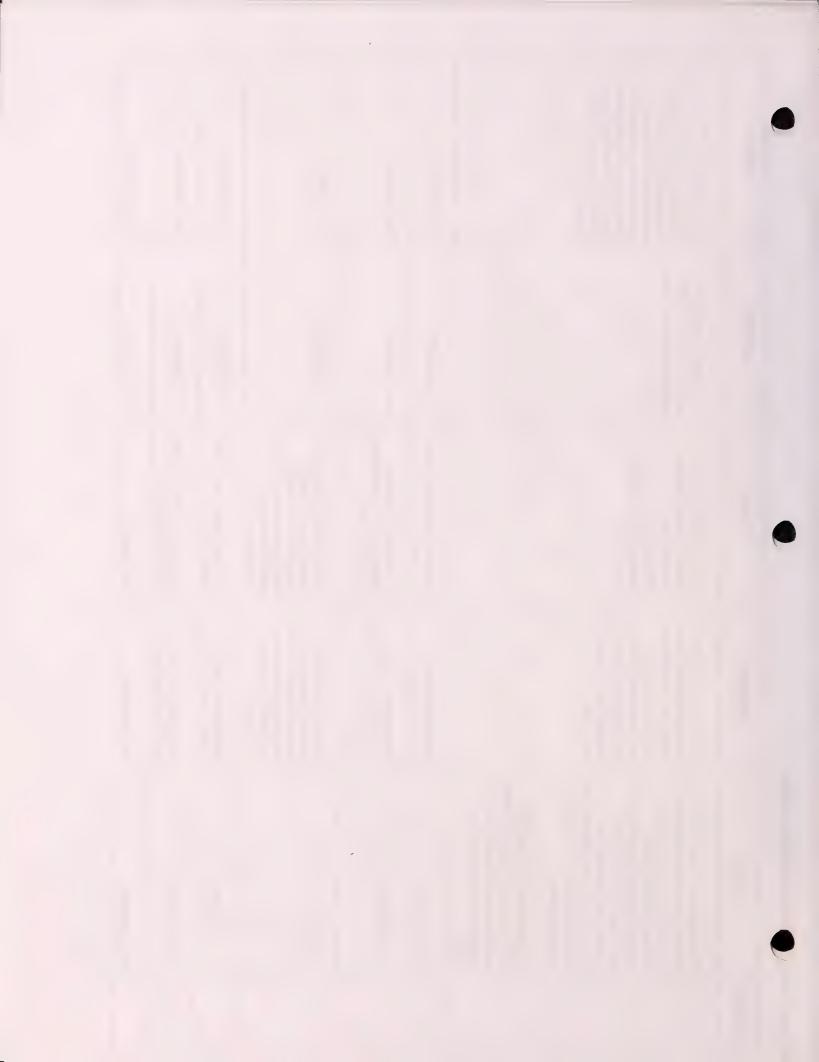


GC/MS	This flag identifies all compounds identified in an analysis at a secondary dilution factor. This flag alerts data alerts data users that any discrepancies between the concentrations reported for the dilutions may be due to dilution of the sample or extract. It additionally indicates that spike recoveries may have been diluted below quantifiable levels.	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.
Metals	Not Applicable	Not Applicable
Inorganics	Not Applicable	Not Applicable
Organics	If a sample or extract is reanalyzed at a higher dilution factor, for example when the concentration of an analyte exeeds the upper calibration range, the DL suffix is appended to the sample number on Form I for the more diluted sample, and all reported concentrations on that Form I are flagged with a D flag. This flag alerts data users that any discrepancies between the reported concentrations may be due to dilution of the sample or extract. NOTE 1: The D flag is not applied to compound which are not detected in the sample analysis i.e. compounds reported with the CRQL and U flag. NOTE2: Separate Form I's are required for reporting the original analysis (EPA Sample No. XXXXXX) and the more diluted sample analysis (EPA Sample No. XXXXXXDL) i.e. the results from both analyses cannot be combined on a single Form I.	Other specific flags may be required to properly define the results. If used, the flags shall be fully described, with the description attached to the sample data summary package and the SDG Narrative. Begin by using X. If more than one flag is required, use Y and Z as needed. If more than five qualifiers are required for a sample result, use the X flag to represent a combination of several flags. For instance, the X flag might combine the A, B, and D flags for some samples. The laboratory-defined flags are limited to X, Y, and Z.
Qualifier	Q	×



Qualifier	Organics	Inorganics	Metals	GC/MS	СС/НРСС
ш	This flag is used when the analyte is found in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user to take appropriate action. This flag shall be used for a tentatively identified compound as well as for a positively identified target compound. The combination of flags BU or UB is expressly prohibited. Blank contaminants are flagged B only when they are detected in the sample.	Enter "B" if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL)	Entered if the report is less than the Contract Required Detection Limit (CRDL) but greater than the Instrument Detection Limit (IDL).	The reported analyte was detected in the associated method blank as well as the sample.	This flag is used when the analyte is found in the associated blank as well as in the sample. It indicated possible/probable blank contamination and warns the data user to take appropriate action. Only the samples get a "B" flag. The method blank does not.
M	Not Applicable	Duplicate injection precision not met	Duplicate injection precision is not met.	Not Applicable	Not Applicable
ω	Not Applicable	The reported value was determined by the Method of Standard Additions (MSA).	The reported value was determined by the Method of Standards Additions.	Not Applicable	Not Applicable
W	Not Applicable	Post-digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.	Post digestion for furnace AA analysis is out of control limits (85-115%), while sample concentration is less than 50% of spike concentration.	Not Applicable	Not Applicable
*	Not Applicable	Duplicate analysis not within control limits.	Duplicate analysis not within control limits.	Not Applicable	Not Applicable
+	Not Applicable	Correlation coefficient for the MSA is less than .995.	Correlation coefficient for the MSA is less than .995.	Not Applicable	Not Applicable
Ħ	Not Applicable	Not Applicable	For Furnace AA	Not Applicable	Not Applicable
					410 4000

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))) !
Qualifier	Organics	Inorganics	Metals	GC/MS	СС/НРГС
CV	Not Applicable	Not Applicable	For Manual Cold Vapor AA	Not Applicable	Not Applicable
AS	Not Applicable	Not Applicable	For Semi-automated Spectrophotometric	Not Applicable	Not Applicable
NR	Not Applicable	Not Applicable	If the analyte is not required to be analyzed	Not Applicable	Not Applicable
>	Not Applicable	Not Applicable	Not Applicable	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.
2	Not Applicable	Not Applicable	Not Applicable	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.	Laboratory defined flags. These flags must be fully described, and such description attached to the Sample Data Summary Package and the case Narrative. Begin by using "X" and go on to "Y" as necessary. These flags may also be used to combine several flags, as needed.
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GROUP A: EXPLOSIVES (WATER)

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602				ANALYTICAL LAB REV RESULT QUAL QUAL		0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00
03MW0709	AD865	10/14/99	7	ANAL																				
031	AD	10/	7-17																					
				QUAL																				
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		n	n	n	n	n	D	D	D	D	ב	n	D	ח	n	n	D	n	n	D
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602				TICAL		0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00
03MW0709	864	10/14/99	7	ANALY																			_	
03N	AD864	10/1	7-17																					
				QUAL																				
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		n	n	n	n	n	n	n	n	n	n	n	n	D	D	n	n	n	n	D
				LAB		D	D	D	n	D	D	n	n	n	Ω	ח	D	D	n	n	n	n	n	D
70A				TICAL		0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00
03MW0070A	859	10/14/99		ANALY																			_	
03N	AD859	10/1	0-0																					
				QUAL													L,							
				REV QUAL		ח	n	n	n	ח	ח	n	n	n	n	n	m	n	n	n	n	n	n	D
				LAB REV QUAL QUAL		D	n	n	D	n	n	n	n	n	n	n	n	n	n	n	Ω	n	n	n
)40C				NALYTICAL		0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	0.00	5.00
03MW0040C	868	7/21/99		ANALY																			-	
03N	AC898	7/2	0-10																					
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27A				TICAL		0.25	0.25	0.25	0.25	0.25	96.0	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00 U	5.00
03MW0027A	357	10/14/99	69	ANALY																				
03N	AD857	10/1	64-69				-						ш	ш							<u>ti</u>	ш		
						OCTAHYDRO-1,3,5,7-TETRANIT	RO-1						4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE							2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANIT	
						TETR	TINI	NE				NE	TOL	TOL		, .					TOL	TOL	ETR	
						5,7-7	,5-TR	NZE	ENE			LUE	TTRO	ITRO	JENE	JENE		[1]	נבו	[ב]	TRO	TRO	OL 1	
)-1,3,)-1,3,	OBE	3ENZ		NE	OTC	DIN	DIN	OLL	OLL		JENI	JENI	JENI	N-4-	IN-9-	HRIT	ERIN
0	8 8	pa			(T)	'DRC	'DRC	NITR	TROE		ENZE	NITR	-5,6-	-4,6-	TROJ	TROJ	CID	TOL	TOL	TOL	ONII	ONI	RYT	CYCI
GIS_LOCID	LAB_EPA_NO	Date Sampled		d yte	8330N (UG/L)	AHY	HEXAHYDRO-1,3,5-TRINITRO-1	1,3,5-TRINITROBENZENE	,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	MINC	MINC	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	DIAN	DIAM	TAE	NITROGLYCERIN
IS L	AB	ate S	Depth	Method Analyte	330N	OCT	HEX	1,3,5	1,3-I	TET	EIN	2,4,6	4-A	2-AN	2,6-I	2,4-I	PICF	2-NI	4-NI	3-NI	2,6-I	2,4-I	PEN	EIN
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Depths are measured in feet below the water table.

Ogden Environmental and Energy Services

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GROUP A: EXPLOSIVES (WATER)

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Mathematical Math	LAB EPA NO	AD808	AD809	AD813	AD814	AD810
Color Colo	Date Sampled	10/12/99	10/12/99	10/12/99	10/12/99	10/12/99
Marketing	Depth					
RO-13.57-TETRANITH 0.25 U U U 0.25 U	Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
0.25 U U 0.	30N (UG/L)					
0.25 U U	OCTAHYDRO-1,3,5,7-TETRANITI	ם	n	ב		n
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0.25 U U 0.	MITROBENZENE	ם	ח	D	D	D
0.25 U U 0.25 U 0.25 U	,4,6-TRINITROTOLUENE	ב	ם	ם	ח	D
TROTOLUENE 0.25 U U 0 0.25 U	-AMINO-2,6-DINITROTOLUENE	ם	ם	ח	ם	ח
SNE 0.25 U U C 0.25 U U U U U C 0.25 U U U U U U U U U U U U U U U U U U U	-AMINO-4,6-DINITROTOLUENE	n	ם		ם	D
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0.25 U U U U U 0.25 U U U U 0.25 U U U U U U U U U U	-NITROTOLUENE				n	D
0.25 U U 0.2	-NITROTOLUENE	-			n	D
0.50 U U U 0.50 U U 0.52 U	-NITROTOLUENE	ח		ם	'n	D
6.25 U U C	,6-DIAMINO-4-NITROTOLUENE				ח	ם
5.00 U UJ C 10.00 U UJ C 10.00 U UJ C 10.00 U U 5.00 U U	,4-DIAMINO-6-NITROTOLUENE		ם		ח	ם
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GROUP A: EXPLOSIVES (WATER)

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				REV	Þ	D	D	\supset	D	D	n	n	n	n	ח	~	D	n	<u> </u>	<u> </u>	<u> </u>	n	ם	
				LAB	Þ	D	D	D	D	D	D	n	n	n	n	D	n	n	D	D	D	D	ם	
Rd.				ANALYTICAL I RESULT	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00	
plou	6	66/		RESU		0	O	0	0	C	O	0	0	0	0	0	0	0	0	0	0	\cong	σ,	
33 Arnold Rd	AD799	10/12/99		AN																				
33	A	1																						
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE												Ţ								
				REV		n	D	n	D	D	D	n	n	n	D	æ	n	n	D	n	n	n	Þ	
0				AB	Þ	ם ה	D	n	n	ם	b	ח	n	D	D	כ	b	ם	b	n	ם	n	D	
Lane				CAL	0.25		0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00	
noo	_	66		ESOL.	Ó	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	Ŋ	
3 Raccoon Lane	AD804	10/12/99		AN/ R																				
3 F	AI	10																						
				QUAL												T						C		
				EV C		<u> </u>		Ĺ		ſ	_						-		,	_		n		
				ANALYTICAL LAB REV RESULT QUAL QUAL			<u> </u>	<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	~	<u> </u>	<u>D</u>	<u> </u>	<u>D</u>	<u> </u>			
				AL LA	1 5		25 U	25 U	25 U	25 U	25 U	15 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	$\frac{1}{0}$	25 U	$\frac{1}{0}$	<u>D</u>	
d Rc		6		SULT	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00	
3 Arnold Rd	AD812	10/12/99		ANA																				
3 A	AD	10/	,																					
				UAL												,								
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE			_			_		_				<u> </u>				_		_		
				B RE			<u> </u>	<u>, D</u>	<u> </u>	<u> </u>	<u> </u>		$\overline{}$		<u> </u>	~	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>D</u>	
				AL LA	11 %		.s.	5 0	5 0	5 0	5 U	5 U	SU	5 0	5 0	5 0	5 U	5 0	5 0	$\frac{\Omega}{0}$	5 U	D ₀	<u>n</u>	
d Rd		6		YTTC. SULT	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00	
3 Arnold Rd	811	10/12/99		ANAI																				
3 A	AD81	10/																						
				JAL																				
				> Y												<u> </u>								
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE			D	D	D)	D	D	D)	<u>n</u>	24	n	D	C	n	D	n		
d.				AL LA QU			5 U	5 U	SU	SU	5 U	5 U	5 U	5 U	5 0	5 U	5 U	5 0	5 0	0	5 0	10.00 U	<u> </u>	
ld R				YTIC/ SULT	0.05	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.0	5.00	
24 Arnold Rd	864	10/12/99		ANAL																				
24 /	AD798	10/	1									177	177							143	(*)			
					330N (UG/L) OCTA HYDBO-1357-TETRANIT	0						4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE							2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANIT		
					Z AL		ш				H	OTC	OTC							OTC	OTC	TRA		
					Ţ	IR I	EN	田			JEN	OTC	OTC	Æ	田					OTC	OTC	TE		
					7	3,5-	EN	ZE			170	ALTA	VITE	UE	UE		司	田	田	ITTR	IIIR	TOI	Z	
						0-1,	30B	8EN		ENE	TO?	-DIA	-DIN-	TOL	TOL		UEN	UEN	UEN	4-1	V-9-	HR	ERII	
	NO NO	D.			(T)	DR	E	RO		ZNZ	E	-2,6	-4,6	RO	RO	CB	TOL	LOL	LOL	NO NO	NO NO	YYT	YC	
CIL	PA	mple		_ e	(VG)	\HX	TRI	Z	YL	OBE	TRI	NO	NO	Z	INI	CA	ROJ	ROJ	ROT	IAM	IAM	AE	OGI	
GIS LOCID	AB EPA NO	Date Sampled	Depth	Method Analyte	8330N (UG/L)	HEXAHYDRO-1,3,5-TRINITRO-1	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	AM-	AM.	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	(C-9)	4-D	ENT	NITROGLYCERIN	
GIS	LA	Dat	Del	Me	833) II	-	_	<u></u>	Z	2,	4	2.	2,	2,	Ъ	2	4	ij	2,	2,	Ь	4	

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GROUP A: EXPLOSIVES (WATER)

J				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL		n n	n n	u u	U U	n n	n n	n n	n n	n n	D I	J U	J R L	n	_ n	D I	n n	n n	u C	Þ	
6 Old Snake Pon	AD807	10/12/99	,	ANALYTICAL LA RESULT QU		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.50 U	0.25 U	10.00 U	5.00 U	
4 Old Snake Pon	AD806	10/12/99	•	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U R L	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U UJ C	5.00 U	
39 Arnold Rd.	AD802	10/12/99		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U R L	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U	
36 Arnold Rd.	AD801	10/12/99	3	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U R L	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U	
34 Arnold Rd.	AD800	10/12/99		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U R L	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U	
GIS_LOCID 3.	LAB EPA NO	Date Sampled	Depth	Method Analyte	833@N (UG/L)	OCTAHYDRO-1,3,5,7-TETRANIT	HEXAHYDRO-1,3,5-TRINITRO-1,	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANITI	NITROGLYCERIN	

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GROUP A: EXPLOSIVES (WATER)

				REV QUAL CODE		D						ם		ם		n	n	n	n	D	n		C C	CA Information Systems RG
CEMETERY2 AD841	10/14/90	10/14/99		ANALYTICAL LAB R RESULT QUAL Q		0.25 U	D	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.50 U	0.25 U	10.00 U	5.00 U
CEMETERY2 C			-	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	D	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U U	5.00 U U
CEMETERYI AD840	10/14/00	10/14/99		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U R Q	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U
CEMETERY1 AC841				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	D	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U
ASPWELL AC848	7/20/00	150/99		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U
GIS_LOCID A		Date Sampled	Depth -	Method Analyte	8330N (TIGA)	OCTAHYDRO-1,3,5,7-TETRANIT	HEXAHYDRO-1,3,5-TRINITRO-1,	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANIT	NITROGLYCERIN

Depths are measured in feet below the water table.

GROUP A: EXPLOSIVES (WATER)

		1																			٨	er. 2	EΝΛ	DA em	echnical Information System
KANGECON	144	66/		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U	
XA A	AC844	2/15/99																							
RANGECON	AC843	7/15/99		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U	
PPAWSMW-2	AC923	7/22/99	0-10	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U	
				QUAL		0	õ						C, *9												
				LAB REV QUAL QUAL QUAL QUAL		٦	7	D	n	n	D	D	7	n	Ω	n	n	Ω	D	D	n	D	D	D	
MW-73	AC835	66/6/2	0-10	ANALYTICAL LAB RESULT QUA		12.00	20.00	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	1.50 U	0.75 U	30.00 U	15.00 U	
	4			QUAL								-													
Y2D				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	U 00.00	5.00 U U	
CEMETERY2D	844	10/14/99		ANALYTIC		0	0	0.	0.	0	0	0	0.	0.	0.	0.	0	0.	0	0.	0.	0	10.	5.	
GIS_LOCID CEM	CAB_EPA_NO AD844	Date Sampled 10/1	Depth	Method Analyte	8330N (UG/L)	OCTAHYDRO-1,3,5,7-TETRANIT	HEXAHYDRO-1,3,5-TRINITRO-1,	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANIT	NITROGLYCERIN	

Depths are measured in feet below the water table.

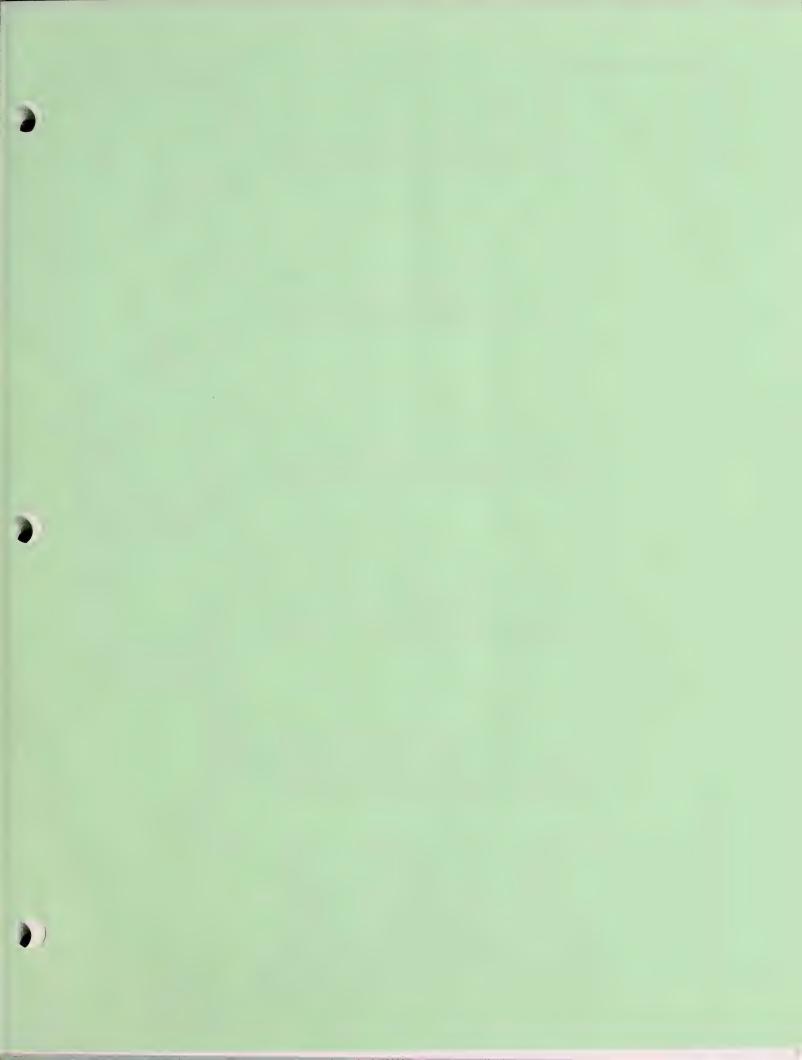
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GROUP A: EXPLOSIVES (WATER)

																						et. 2v	EN A	DR smatton Systems RG
	v blank			AL LAB REV QUAL QUAL QUAL QUAL QUAL QUAL CODE																		-		
	Intentionally blank			ANALYTICAL RESULT																				
				REV QUAL QUAL CODE		n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	ם
WELLB	AC849	7/15/99		ANALYTICAL LAB RESULT QUAL		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.50 U	0.25 U	10.00 U	5.00 U
TEXTRONPW-2				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U
TEXTRONPW-1 TEX	AC933 AC934	7/27/99		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U
KANGECON	AD839	10/14/99		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U
GIS_LOCID R	LAB_EPA_NO A	Date Sampled	Depth -	Method Analyte	8330N (UG/L)	OCTAHYDRO-1,3,5,7-TETRANIT	HEXAHYDRO-1,3,5-TRINITRO-1,	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANITI	NITROGLYCERIN

Depths are measured in feet below the water table.







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VALIDATED MMR DATA, DECEMBER 1999

GROUP B: EXPLOSIVES (PROFILE)

			QUAL													+	+	+	+				+	
			AB REV		<u>D</u>	n n	<u>n</u>	n n	n n	D D	D D	<u>n</u>	<u>n</u>	D D	n n	ח	D	D	D	<u>n</u>	<u>n</u>	<u>n</u>	D	
AD259	8/31/99	32.1-32.1	ANALYTICAL L RESULT Q		0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	18.00	0.57	0.52	09.0	0.50	0.25	10.00	130.00	
			QUAL				+	+								+	+	+	+				+	
			AB REV		<u>D</u>	<u>D</u>	D	D	D	D	D	D	D	D	D	D	D	D	D	D	<u> </u>	<u></u>	D	
AD258	8/31/99	22.1-22.1	ANALYTICAL LA RESULT QU				0.29	3.30	0.25 \cup	0.25 U	16.00	0.49	0.43	0.71	0.50	0.25 U	10.00	100.00						
			QUAL											+		+	+	+	+				+	
			REV		D	D	D	D	D	D	n	D	n	D	D	ם	n	D	D	D	ח	D	D	
AD257	8/30/99	12.1-12.1	ANALYTICAL LAI RESULT QU		$0.25\mathrm{U}$	0.25 U	0.57	0.25 U	17.00	0.64	0.51	0.64	0.50 U	0.25 U	10.00 U	170.00								
			QUAL											+		+	+	+	+			+	+	
			B REV AL QUAL		<u>D</u>	ח	Þ	D	D	Þ	D	ח	D	ח	ר	D	D	D	n	ח	ח	D	D	
AD256	8/30/99	12.1-12.1	ANALYTICAL LA RESULT QU		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.65	0.25 U	22.00 E	0.73	0.55	0.80	0.50 U	0.25 U	49.00	190.00	
7			QUAL													+	+	+	+				+	
			B REV AL QUAL		D	D	ח	D	D	D	D	D	D	n	D	D	D	D	D	Þ	D	D	Þ	
D255	/30/99	1-7.1	ANALYTICAL LAI RESULT QU.		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	11.00	0.31	0.44	0.48	0.50 U	0.25 U	10.00 U	94.00	
A	8	7.			,7-TETRANIT	-TRINITRO-1,	ZENE	NE			UENE	ROTOLUENE	ROTOLUENE	SNE	NE					ROTOLUENE	ROTOLUENE	OL TETRANITI		
EPA_NO	Sampled		od lyte	V (UG/L)	TAHYDRO-1,3,5	XAHYDRO-1,3,5	5-TRINITROBEN	DINITROBENZE	RYL	ROBENZENE	6-TRINITROTOL	MINO-2,6-DINIT	MINO-4,6-DINIT	DINITROTOLUE	DINITROTOLUE	RIC ACID	TROTOLUENE	TTROTOLUENE	ITROTOLUENE	DIAMINO-4-NIT	DIAMINO-6-NIT	TAERYTHRITO	ROGLYCERIN	
	AD257	O AD255 AD256 AD257 AD258 8/30/99 8/30/99 8/31/99 8/31/99	AD255 AD256 AD257 AD258 8/30/99 8/30/99 8/31/99 7.1-7.1 12.1-12.1 12.1-22.1	AD255 AD256 AD256 AD257 AD258 AD25	AD255 AD256 AD256 AD257 AD258 AD259 AD258 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259	AD255 AD256 AD256 AD257 AD258 AD259 AD259 AD258 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD259 AD25	AD255 AD256 AD256 AD257 AD258 AD259 AD257 AD258 AD259 AD25	AD255 AD256 AD256 AD256 AD257 AD258 AD259 AD25	AD255 AD256 AD256 AD257 AD257 AD257 AD258 AD259 AD250 AD25	AD255 AD256 AD256 AD256 AD257 AD258 AD258 AD259 AD257 AD258 AD259 AD250 AD25	AD255 AD256 AD256 AD256 AD256 AD257 AD258 AD258 AD259 AD258 AD259 AD250 AD25	AD256 AD256 AD256 AD256 AD256 AD256 AD257 AD258 AD258 AD259 AD25	AD255 AD256 AD256 AD257 AD256 AD257 AD258 AD257 AD258 AD258 AD258 AD258 AD258 AD259 AD25	AD256 AD256 AD256 AD257 AD256 AD257 AD258 AD258 AD259 AD25	PA NO AD255 AD256 AD256 AD256 AD256 AD256 AD256 AD259 AD	AD255 AD256 AD256 AD256 AD256 AD257 AD258 AD258 AD259 AD25	AD255 AD255 AD255 AD256 AD256 AD257 AD256 AD258 AD259 AD259	PAD 256 PAD 258 PAD 259 PAD 256 PAD 258 PAD 259 PAD	AD256 AD256 AD256 AD256 AD256 AD256 AD256 AD257 AD258 AD259 AD25	AD255 AD256 AD25	PA PA PA PA PA PA PA PA	Page Page	ADDESS ADDE	AD556 AD556 AD556 AD557 AD557 AD557 AD558 AD558 AD559 AD55

GROUP B: EXPLOSIVES (PROFILE)

				AL CODE													+				٨	er. Zv	EN A	Systems RO	ioùenn	olni ls	oindoe
MW-62	AD264	66/1/6	82.1-82.1	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	7.40 U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U			
MW-62	AD263	8/31/99	72.1-72.1	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U			
MW-62	AD262	8/31/99	62.1-62.1	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	10.00 U +	0.32 U +	0.25 U U	0.41 U +	0.50 U U	0.25 U U	23.00 U +	5.00 U U			
MW-62	AD261	8/31/99	52.1-52.1	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	18.00 U +	0.40 U +	0.40 U +	0.44 U +	0.50 U U	0.25 U U	10.00 U	130.00 U +			
MW-62	AD260	8/31/99	42.1-42.1	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	+ O 00.8	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	62.00 U +			
GIS_LOCID	LAB_EPA_NO A	Date Sampled 8	Depth	Method Analyte	8330N (UG/L)	OCTAHYDRO-1,3,5,7-TETRANITI	HEXAHYDRO-1,3,5-TRINITRO-1,	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANIT	NITROGLYCERIN			

Depths are measured in feet below the water table.

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GROUP B: EXPLOSIVES (PROFILE)

GIS_LOCID	MW-62	MW-63	MW-63	MW-63	MW-63
LAB EPA NO	AD302	AC901	AC800	AC801	AC802
Date Sampled	6/1/6	7/20/99	66/L/L	66/8/2	66/8/2
	92.1-92.1	6-11	126-131	136-141	146-151
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330N (UG/L)					
OCTAHYDRO-1,3,5,7-TETRANIT	U 0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U
HEXAHYDRO-1,3,5-TRINITRO-1,	. 0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U
1,3,5-TRINITROBENZENE	0.25 U U				
1,3-DINITROBENZENE	0.25 U U				
TETRYL	0.25 U U				
NITROBENZENE	0.25 U U				
2,4,6-TRINITROTOLUENE	0.25 U U				
4-AMINO-2,6-DINITROTOLUENE	0.25 U U				
2-AMINO-4,6-DINITROTOLUENE	0.25 U U				
2,6-DINITROTOLUENE	0.25 U U				
2,4-DINITROTOLUENE	0.25 U U				
PICRIC ACID	0.25 U U				
2-NITROTOLUENE	0.25 U U				
4-NITROTOLUENE	0.25 U U	1.50 U +	0.25 U U	0.25 U U	0.25 U U
3-NITROTOLUENE	0.25 U U				
2,6-DIAMINO-4-NITROTOLUENE	U U 0.50	0.50 U U	0.50 U U	0.50 U U	0.50 U U
2,4-DIAMINO-6-NITROTOLUENE	0.25 U U				
PENTAERYTHRITOL TETRANIT	I 10.00 U	10.00 U	10.00 U	10.00 U	U U 00:01
NITROGLYCERIN	140.00 H	780.00 E U +	5.00 U U	5.00 U U	5.00 U U
					1.533
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GROUP B: EXPLOSIVES (PROFILE)

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				QUAL																			
				LAB REV QUAL QUAL	D	D	n	ח	D	n	ח	n	ח	D	D	Ŋ	D	n	n	n	D	n	ם
				LAB	ם	D	n	D	D	ח	ח	D	D	ם	ם	ח	D	n	n	D	n	n	D
				ANALYTICAL LAB RESULT QUAI	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00
-63	203	66/	201	ANALY																		_	
MW-63	AC807	7/13/99	196-201																				
				QUAL																			
				LAB REV QUAL QUAL	n	n	Ω	n	n	n	n	n	n	D	n	n	n	n	n	n	n	n	D
				LAB	D	D	n	n	n	n	n	ח	n	כ	ר	D	D	n	n	n	n	n	D
				TICAL	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00
-63	305	66	181	ANALYTICAL I																		_	
MW-63	AC805	66/6/2	176-18																				
				ODE																			
				LAB REV QUAL QUAL QUAL CODE	D	n	n	D	n	n	n	n	D	n	n	n		_ D)	D	n	D	Þ
					D	n	n	Ω	n	n	Ω	n	n	n	n	n	D	n	n	D	n	n	ם
				TICAL	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	00.01	5.00
7-63	337	66	-171	ANALYTICAL RESULT																		_	
MW-63	AC837	66/6/2	166-17																				
				QUAL																			
				LAB REV QUAL QUAL QUAL QUAL QUAL	n	D	n	D	D	D	D	ח	ח	ח	ח	ם	n	D	D	n	D	D	n
				LAB	D	D	D	D	D :	D	D	<u>D</u>	<u>D</u>	D	D	n :	D	D	D	<u> </u>	<u> </u>	D	ח
				ANALYTICAL I RESULT	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00
MW-63	AC804	66/6/L	166-171	ANAL																			
M	AC	1/9	166																		_		
				QUAL																			
				REV	D	D	n	D	n	n	ח	ר	D	ר	n	D	D	D	D	D	D	D	ח
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	D	D	n	D	ח	D	D	O	D	D	D	D	D	D	D	D	D	D (n
				YTICAL	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.00
MW-63	AC803	66/	156-161	ANAL																			
MW	AC	66/8/2	156		F	-	-					田	田田							H	H	H	
					Z N	rro-						UEN	UEN							UEN	UEN	XNI.	
					TETE	SINI	SNE	רדו			ENE	TOL	TOL	(II)	ſΊ					TOL	TOL	TETF	
					5.7-	.,5-TI	ENZE	ZENE			IUJC	ITRO	ITRO	UENI	UENI		三	田	E	ITRO	TTRC	LOL	7
					D-1.3	0-1,3	ROBI	BEN		ENE	ROTO	-DIN	-DIN	TOL	TOL		UEN	UEN	UEN	N-4-0	N-9-(HRI	ERID
	8 8	eq			3/L) (DR(YDR	TIN	TRO		ENZ	FIN	9.7-0	9.4-C	TRO	TRO	ACID	TOL	TOL	TOL	AINC	MINC	RYT	LYC
GIS LOCID	AB EPA NO	Date Sampled		od yte	8330N (UG/L) OCTAHYDRO-1.3.5.7-TETRANIT	HEXAHYDRO-1,3,5-TRINITRO-1	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANIT	NITROGLYCERIN
I SI	AB)ate S	Depth	Method Analyte	13307 OC	HE	1,3,	1,3-	TET	LIZ	2,4,	4-A	2-A	2,6-	2,4-	PIC	2-N	A-4	3-N	2,6-	2,4-	PEN	LIN
0		12	7	V	90																		

Depths are measured in feet below the water table.

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GROUP B: EXPLOSIVES (PROFILE)

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MW-63 MW-63 MW-63 MW-63 MW-64 MW-6					QUAL		+										+			+				+		
MW-63 MW-63 MW-63 MW-64 MW-6					REV QUAL	=	'n	n	n	n	n	n	n	n	n	n	n	n	n	n	n	D	ח	ם		
MW-63 MW-63 MW-63 MW-64 MW-6					LAB																					
MW-63 MW-63 MW-63 MW-64 MW-6				4	TICAL	0.25	0.27	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.74	0.25	0.25	1.20	0.50	0.25	0.00	9.00		
MW-63 MW-63 MW-63 MW-63 MW-64 MW-64 MW-64 AC810	64	83	66,	13.2	RESU																		_	m		
AC808 AC809 AC810 AC810 AD22 AC809 AC810 AC809 AC810 AD22 AC811 AC809 AC810 AC809 AC810 AD22 AC809 AC809 AC810 AC809 B/31/99 AC809 AC809 AC809 AC810 B/31/99 AC809 AC809 AC809 B/31/99 AC809 AC809 AC809 B/31/99 AC809 AC809 AC810 B/31/99 AC809 AC809 AC800 B/31/99 AC800 AC800 AC800 AC800 AC800 B/31/99 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC8000 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800 AC800	MW.	AD2	8/31/	8.24-	<																					
ACROS ACROC ACROS					AL																					
ACROS ACROC ACROS					AL CO												+			+				+		
ACROS ACROC ACROS					B RE												D		D	D				<u> </u>		
ACROS					AL LA												-0/			<u></u>				00		
ACROS	_			24	LYTIC	0	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2	0.7	0.2	0.2	0.9	0.5	0.2	10.0	23.(
AC808 AC809 AC809 AC800 AC8000 AC800 AC8000 AC80000 AC800000 AC80000 AC800000 AC8000000 AC8000000000000000000000000000000000000	79-M	282	31/95	24-3.	ANA																					
MW-63 MW-63 MW-63 MW-63	M	AI	./8	0.7																						
MW-63 MW-63 MW-63 MW-63					QUAL																					
MW-63 MW-63 MW-63 MW-63					REV QUAL	=	<u> </u>	D	D	D	b	D	n	n	n	D	n	n	n	n	D	D	n	כ		
MW-63 MW-63 MW-63 MW-63					LAB		_ <u>-</u> _																			
MW-63 MW-63 MW-63 MW-63					TICAL	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	0.00	5.00		
MW-63 MW-63 MW-63 MW-63	-63	10	66/	231	ANALY																		_			
AC808 AC809 7/14/99 206-211 ANALYTICAL LAB REV QUAL RESULT QUAL CODE 0.25 U U 0 0.25 U U 0.25 U U 0 0	MW	AC8	7/14	226-	,																					
MW-63 AC808 AC809					UAL																					
AC808 AC808 AC808 AC809 7/13/99 206-211 ANALYTICAL LAB REV QUAL ARESULT CO.25 U U U 0.25 0.25 U 0.25 0.2					EV QI							_		_	_		_	_	_	_		-	han	5		
AC808 AC808 AC808 AC809 7/13/99 206-211 ANALYTICAL LAB REV QUAL RESULT ANALYTICAL LAB REV QUAL QUAL QUAL CODE 0.25 U U U 0.25 0.25 U					AB RU UAL QI					J	<u></u>				J						_					
AC808 AC808 AC808 AC808 AC808 206-211 206-211 ANALYTICAL LAB REV QUAL RESULT GODE 0.25 U U 0.2					CAL L					25 L	25 L				25 L											
AC808 AC808 AC808 AC808 AC808 206-211 206-211 ANALYTICAL LAB REV QUAL RESULT GODE 0.25 U U 0.2	13	6	6	21	RESUL	C	Ö	0.	0.	0.	0	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.	3.		
AC808 7/13/99 206-211 ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE 0.25 U U U 0.25 U U	4W-6	C80	/14/9	16-27	AN																					
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MM AAC 1/17/13					L CODI						_															
MM/W AC0					REV L QUA	=) [) D	ם	ח	D	ח	D	ב	ח	D	D	D	D	ח	D	D	D	<u> </u>		
MM AAC 1/17/13					LLAB			0				2 0	C	O	2 C	n		O	n	C			nc	<u>D</u>		
MM AAC 1/17/13					YTICA	0.04	0.2	0.2	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.50	0.25	10.00	5.0(
M A A C S S S S S S S S S S S S S S S S S	V-63	808	3/99	5-211	ANAL																					
	MV	AC	7/1	206			_	1					ĮĽI	Щ							ш	山	E			
ANT						ANI	RO-						UEN	UEN							UEN	UEN	ANI			
NE ETR						FTR	Z	RE				E	TOL	TOL							TOL	TOL	ETR			
CUE ENE ENE ENE CRO						T-7;	5-TR	VZE	ENE			LUE	TRO	TRO.	ENE	ENE					TRO	TRO.	JL T			
STORY SERVICE STORY SERVICE STORY SERVICE SERV						7	, ")BE	ENZ		H	OTC	OINT	OINI	TOTO	OLU.		ENE	ENE	ENE	4-NI	S-NI	IRIT	RIN		
(10) (10)		ç				()	JRO.	ITRO	(OB)		VZE	ITR	2,6-L	4,6-L	NOTO	NOTO	Q	OLU	OLU	OLU	NO-	NO-C	YTH	YCE		
COD CODE SOLUTION OF THE SOLUT	CID	A N	nplec		9	UG/I	HYI	RIN	FIN	YL)BEI	IRIN	NO.	-ON	EIZ	ZEZ	CAC	ROT	ROT	ROT	AMI	AMI	AER	JDC		
GIS_LOCID LAB_EPA_NO Date Sampled Method Analyte Analyte Analyte 1,3,5-TRINITROBENZENE 1,3,5-TRINITROBENZENE 1,3,5-TRINITROBENZENE 1,3,5-TRINITROBENZENE 1,3,5-TRINITROPIOLUENE 2,4,6-TRINITROTOLUENE 2,4,6-TRINITROTOLUENE 2,4-DINITROTOLUENE 2,6-DINITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,6-DIAMINO-4-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE 2,6-DIAMINO-6-NITROTOLUENE PENTAERYTHRITOL TETRANITR NITROGLYCERIN) TO	B EI	e Sar	yth	thod	ON (FXA	3,5-1	3-DI	ETR	TTRO	4,6-1	-AMI	-AMI	IG-9	4-DI	ICRIC	EIN	LIN	FIN	IG-9	4-DI	ENT	IITRO		
A E D SA E O H I I I I I I I I I I I I I I I I I I	GIS	LA	Dat	Depth	Me	833		; <u> </u>		H	Z	4	4	2	2,	7,	Ы	2	4	3	2,	2,	Ъ	Z		

GROUP B: EXPLOSIVES (PROFILE)

<u>-</u>				QUAL																		er. Zv	EN A	OX smation Systems KC	dnical Inf	EEZ L
4			53.24	ANALYTICAL LAB REV QU RESULT QUAL QUAL C		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U		
MW-64	AD289	66/1/6	48.24-53.24	QUAL		n	n		D	n	D	D		D	n	n	D	n	n	n		n	n	D		
MW-64	AD288	66/1/6	38.24-43.24	ANALYTICAL LAB REV RESULT QUAL QUAL		0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.50 U	0.25 U	10.00 U	5.00 U		
MW-64	AD286	6/1/6	28.24-33.24	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U U	5.00 U U		
MW-64	AD285	66/1/6	28.24-33.24	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U		
MW-64	AD284	66/1/6	18.24-23.24	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U		
GIS_LOCID	LAB_EPA_NO Al	Date Sampled 9/	Depth 18	Method Analyte	8330N (UG/L)	OCTAHYDRO-1,3,5,7-TETRANITI	HEXAHYDRO-1,3,5-TRINITRO-1,	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANITI	NITROGLYCERIN		

Depths are measured in feet below the water table.

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GROUP B: EXPLOSIVES (PROFILE)

				199																		ws.r	A NE	A Systems Systems RGA
MW-64	AD294	9/2/99	98.24-103.24	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	D	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U
MW-64	AD293	9/2/99	88.24-93.24	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U U	5.00 U U
MW-64	AD292	6/1/6	78.24-83.24	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U
MW-64	AD291	66/1/6	68.24-73.24	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U
MW-64	AD290	6/1/6	58.24-63.24	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U
GIS_LOCID	LAB EPA NO	Date Sampled		Method Analyte	8330N (TICA)	OCTAHYDRO-1,3,5,7-TETRANITI	HEXAHYDRO-1,3,5-TRINITRO-1,	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANITI	NITROGLYCERIN

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

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GROUP B: EXPLOSIVES (PROFILE)

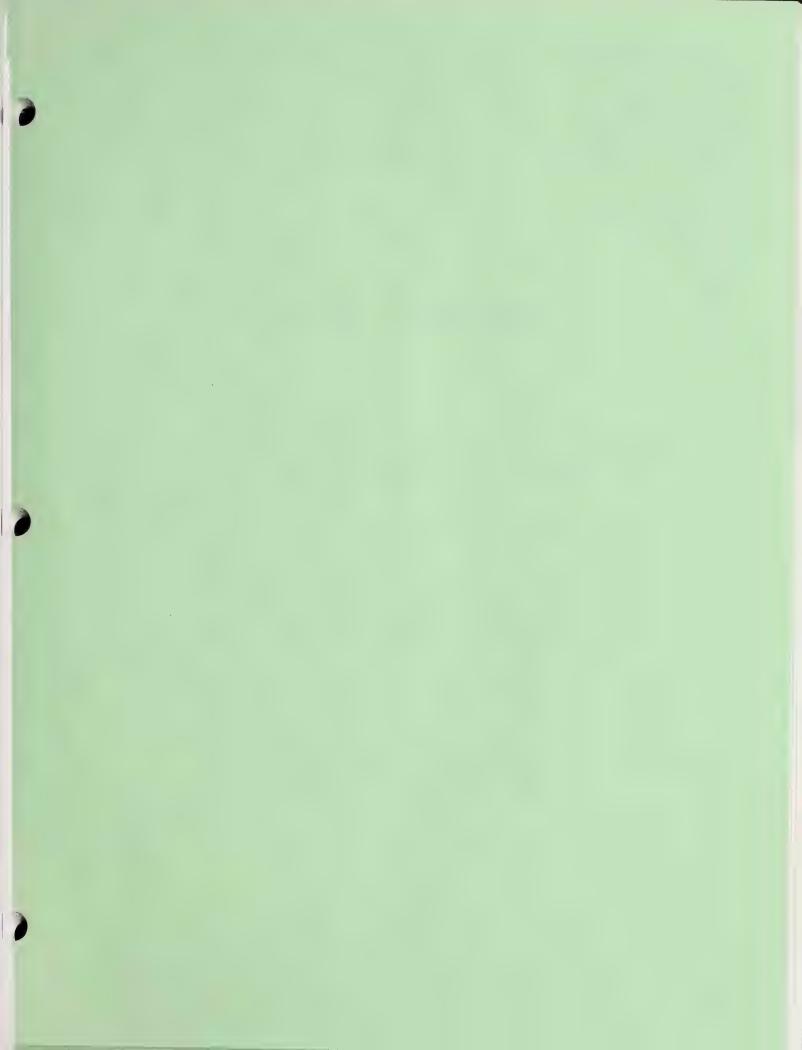
																					M	er, 2v	EN A	stion Systems RO	moini lso	Technic	OEES	
MW-64	AD360	66/L/6	148.24-153.2	ANALYTICAL LAB REV QUAL RESULT QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U				Ogden Environmental and Energy Services
MW-64	AD359	66/L/6	138.24-143.2	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U				Ogden Environment
MW-64	AD358	66/L/6	128.24-133.2	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U U				
MW-64	AD296	66/1/6	118.24-123.2	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	5.00 U				
MW-64	AD295	9/2/99	108.24-113.2	ANALYTICAL LAB REV QUAL RESULT QUAL CODE		0.25 U U	D	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	10.00 U	S.00 U				water table.
GIS LOCID	07.	Date Sampled		Method	8330N (TICA)	OCTAHYDRO-1.3.5.7-TETRANITI	HEXAHYDRO-1,3,5-TRINITRO-1,	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANIT	NITROGLYCERIN				Depths are measured in feet below the water table.

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GROUP B: EXPLOSIVES (PROFILE)

																					/	w2 .19	EN A	DA em	nation System
MW-84	AD199	8/30/99	169.15-174.1	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.50 U U	0.25 U U	U U 00.01	5.00 U U	
MW-66	AD389	66/L/6	26-26	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	2.90 U +	0.25 U U	0.25 U U	0.70 U +	0.50 U U	0.25 U U	38.00 U +	100.00 U +	
MW-66	AD334	66/L/6	26-26	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.33 J S,*9	0.25 U U	4.40 U +	0.25 U U	0.35 U +	1.10 U +	0.50 U U	0.25 U U	59.00 U +	180.00 U +	
MW-66	AD333	66/1/6	91-91	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	+ U 92.0	0.66 J S,*9	0.25 U U	4.60 U +	0.25 U U	0.61 U +	2.20 U +	0.50 U U	0.25 U U	10.00 U	260.00 U +	
MW-66	AD332	66/L/6	9-9	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	0.25 U U	1.20 U +	1.20 J S,*9	0.25 U U	8.40 U +	0.25 U U	0.85 U +	2.60 U +	0.50 U U	0.25 U U	10.00 U	240.00 U +	
GIS LOCID	LAB EPA NO			Method Analyte	8330N (UG/L)	OCTAHYDRO-1,3,5,7-TETRANIT	HEXAHYDRO-1,3,5-TRINITRO-1,	1,3,5-TRINITROBENZENE	1,3-DINITROBENZENE	TETRYL	NITROBENZENE	2,4,6-TRINITROTOLUENE	4-AMINO-2,6-DINITROTOLUENE	2-AMINO-4,6-DINITROTOLUENE	2,6-DINITROTOLUENE	2,4-DINITROTOLUENE	PICRIC ACID	2-NITROTOLUENE	4-NITROTOLUENE	3-NITROTOLUENE	2,6-DIAMINO-4-NITROTOLUENE	2,4-DIAMINO-6-NITROTOLUENE	PENTAERYTHRITOL TETRANIT	NITROGLYCERIN	

Depths are measured in feet below the water table.





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1	GROUP C: EXPLOSIVES (SOIL)
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2	-

GIS_LOCID	09-MM	09-MM	MW-61	MW-61	
LAB EPA NO	AC863	AC864	AC886	AC887	Intentionally blank
Date Sampled	7/20/99	7/20/99	7/27/99	7/27/99	
	15-19	20-22	10-14	22-24	
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8330N (UG/KG)					
OCTAHYDRO-1,3,5,7-TETRANIT	1 120.00 U	120.00 U	120.00 U	120.00 U U	
HEXAHYDRO-1,3,5-TRINITRO-1,	120.00 U U	120.00 U	120.00 U	120.00 U U	
1,3,5-TRINITROBENZENE	120.00 U U	120.00 U	120.00 U U	120.00 U	
1,3-DINITROBENZENE	120.00 U U	120.00 U	120.00 U	120.00 U U	
TETRYL	120.00 U U	120.00 U	120.00 U U	120.00 U U	
NITROBENZENE	120.00 U	120.00 U	120.00 U U	120.00 U U	
2,4,6-TRINITROTOLUENE	120.00 U	120.00 U	120.00 U	120.00 U U	
4-AMINO-2,6-DINITROTOLUENE	120.00 U	120.00 U	120.00 U U	120.00 U	
2-AMINO-4,6-DINITROTOLUENE	120.00 U U	120.00 U	120.00 U U	120.00 U	
2,6-DINITROTOLUENE	120.00 U U	120.00 U	120.00 U U	120.00 U U	
2,4-DINITROTOLUENE	120.00 U U	120.00 U	120.00 U U	120.00 U U	
PICRIC ACID	120.00 U	120.00 U	120.00 U	120.00 U	
2-NITROTOLUENE	120.00 U U	120.00 U	120.00 U	120.00 U U	
4-NITROTOLUENE	120.00 U U	120.00 U	120.00 U	120.00 U U	
3-NITROTOLUENE	120.00 U U	120.00 U	120.00 U	120.00 U U	
2,6-DIAMINO-4-NITROTOLUENE	250.00 U U	250.00 U	250.00 U U	250.00 U U	
2,4-DIAMINO-6-NITROTOLUENE	120.00 U	120.00 U	120.00 U	120.00 U U	
PENTAERYTHRITOL TETRANIT	U 00.0008	5000.00 U	5000.00 U U	5000.00 U U	ANG
NITROGLYCERIN	2500.00 U U	2500.00 U U	2500.00 U U	2500.00 U U	
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Depths are measured in feet below the ground surface.

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VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS LOCID	03MW0040C	ASPWELL	CEMETERY1	CEMETERY2	
LAB_EPA_NO	AC898	AC848	AC841	AC842	AC923
Date Sampled	7/21/99	7/20/99	7/14/99	7/14/99	
	0-10	3	9	8	
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
ES04.1 (UG/L)					
1,2-DIBROMOETHANE (ETHYLE	U U 10.0	0.01 U U	0.01 U	U U IO	
1,2-DIBROMO-3-CHLOROPROPA	0.02 U U	0.02 U U	0.02 U U	0.02 U U	
E524.2 (UG/L)					
CHLOROMETHANE	0.50 U UJ C	0.50 U UJ C	0.50 U U	0.50 U U	
VINYL CHLORIDE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
BROMOMETHANE	0.50 U U	0.50 U U	0.50 U U	0.50 U U	
BROMOBENZENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
CHLOROETHANE	0.50 U U	0.50 U U	0.50 U U	0.50 U U	
1,1-DICHLOROETHENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
METHYLENE CHLORIDE	0.50 U U	0.50 U U	0.50 U U	0.50 U U	
TRANS-1,2-DICHLOROETHENE	0.10 U U	0.10 U U	0.10 U U	0.10 U U	
1,1-DICHLOROETHANE	0.10 U U	0.10 U U	0.10 U U	0.10 U U	
CIS-1,2-DICHLOROETHYLENE	0.10 U U	0.10 U	0.10 U U	0.10 U U	
BROMOCHLOROMETHANE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
CHLOROFORM	1.50 J *11	0.50 J *II	0.30 J *II	0.70 J *II	
1,1,1-TRICHLOROETHANE	0.10 U U	0.10 U	0.10 U U	0.10 U U	
CARBON TETRACHLORIDE	0.10 U U	0.10 U U	0.10 U U	0.10 U U	
P-CYMENE (P-ISOPROPYLTOLU	0.10 U U	0.10 U	0.10 U U	0.10 U U	
ISOPROPYLBENZENE (CUMENE	0.10 U U	0.10 U U	0.10 U U	0.10 U	
N-PROPYLBENZENE	0.10 U U	0.10 U U	0.10 U	0.10 U	
BENZENE	0.50 U U	0.50 U U	0.50 U U	0.50 U U	
N-BUTYLBENZENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
SEC-BUTYLBENZENE	0.20 U U	0,20 U U	0.20 U U	0.20 U U	
T-BUTYLBENZENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
1,2-DICHLOROETHANE	0.10 U	0.10 U	0.10 U	0.10 U	1 83:
	2 1 2 2 2				

GROUP D: VOLATILES (WATER)

GIS LOCID	03MW0040C	ASPWELL	CEMETERY1	CEMETERY2	
LAB EPA NO	AC898	AC848	AC841	AC842	AC923
Date Sampled	7/21/99	7/20/99	7/14/99	7/14/99	
Depth	0-10	•	9		
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
ES24.2 (UG/L) Continued					
TRICHLOROETHYLENE (TCE)	0.10 U U	0.10 U U	0.10 U	0.10 U U	
TRICHLOROFLUOROMETHANE	0.50 U U	0.50 U U	0.50 U U	0.50 U U	
DICHLORODIFLUOROMETHANE	U 0.50 U U	0.50 U U	0.50 U U	0.50 U U	
HEXACHLOROBUTADIENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
1,2-DICHLOROPROPANE	0.10 U	0.10 U	0.10 U U	0.10 U	
1,3-DICHLOROPROPANE	0.10 U	0,10 U	0.10 U	0.10 U	
2,2-DICHLOROPROPANE	0.50 U UJ L	0.50 U UJ C	0.50 U UJ L	0.50 U UJ L	
BROMODICHLOROMETHANE	0.10 U U	0.10 U	0.10 U U	0.10 U	
CIS-1,3-DICHLOROPROPENE	0.10 U U	0.10 U U	0.10 U	0.10 U	
1,1-DICHLOROPROPENE	0.10 U	0.10 U U	0.10 U	0.10 U	
TOLUENE	0.50 U U	0.50 U U	0.50 U U	0.50 U U	
2-CHLOROTOLUENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
4-CHLOROTOLUENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
TRANS-1,3-DICHLOROPROPENE	E 0.10 U U	0.10 U U	0.10 U	0.10 U U	
1,1,2-TRICHLOROETHANE	0.10 U	0.10 U	0.10 U	0.10 U	
1,2,3-TRICHLOROBENZENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
TETRACHLOROETHYLENE(PCE	B 0.20 U U	0.20 U U	0.20 U U	0.20 U U	
DIBROMOCHLOROMETHANE	0.10 U	0.10 U U	0.10 U	0.10 U	T NE
1,2-DIBROMOETHANE (ETHYLE	B 0.10 U U	0.10 U	0.10 U	0.10 U U	
CHLOROBENZENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
ETHYLBENZENE	0.10 U	0.10 U	0.10 U	0.10 U	
XYLENES, TOTAL	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
M-XYLENE (1,3-DIMETHYLBEN	4; 0.20 U R *10	0.20 U R *10	0.20 U R *10	0.20 U R *10	al les
P-XYLENE (1,4-DIMETHYLBENZ	Z 0.20 U R *10	0.20 U R *10	0.20 U R *10	0.20 U R *10	
O-XYLENE (1,2-DIMETHYLBEN)	UE 0.10 U R *10	0.10 U R *10	0.10 U R *10	0.10 U R *10	EEZ 1

Depths are measured in feet below the water table.

Ogden Environmental and Energy Services

OEES Technical Information Systems RGEM Vet. Σw

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GROUP D: VOLATILES (WATER)

GIS LOCID	03MW0040C	ASPWELL	CEMETERY1	CEMETERY2	PPAWSMW-2
NO	AC898	AC848	AC841	AC842	AC923
	7/21/99	7/20/99	7/14/99	7/14/99	7/22/99
	0-10				0-10
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
E524.2 (UG/L) Continued					
STYRENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
BROMOFORM	0.10 U U	0.10 U U	0.10 U	0.10 U	
1,1,2,2-TETRACHLOROETHANE	0.10 U U	0.10 U U	0,10 U U	0.10 U U	
1,1,1,2-TETRACHLOROETHANE	0.10 U U	0.10 U U	0.10 U	0.10 U	
1,3-DICHLOROBENZENE	0.10 U U	0.10 U U	0.10 U U	0.10 U	
1,4-DICHLOROBENZENE	0.10 U U	0.10 U U	0.10 U	0,10 U	
1,2-DICHLOROBENZENE	0.10 U U	0.10 U	0.10 U U	0.10 U	
1,2-DIBROMO-3-CHLOROPROPA	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
1,2,4-TRICHLOROBENZENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
1,2,3-TRICHLOROPROPANE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
DIBROMOMETHANE	0.10 U U	0.10 U U	0.10 U	0.10 U	
NAPHTHALENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	
TERT-BUTYL METHYL ETHER	0.50 U U	0.50 U U	0.50 U U	0.50 U U	
1,2,4-TRIMETHYLBENZENE	0.10 U U	0.10 U U	0.10 U U	0.10 U	
1,3,5-TRIMETHYLBENZENE (ME	0.50 U U	0.50 U U	0.50 U U	0.50 U U	
504 (NGL)					
1,2-DIBROMOETHANE (ETHYLE					n n 09.6
8021W (UG/L)					
TERT-BUTYL METHYL ETHER					0.50 U U
OC2IV (UGL)					
CHLOROMETHANE					1.00 U UJ C
VINYL CHLORIDE					n n
BROMOMETHANE					⊃
CHLOROETHANE					Þ
I,I-DICHLOROETHENE					1.00 U

Depths are measured in feet below the water table.

GROUP D: VOLATILES (WATER)

Dec Sampled	OLOCID SECTION OF THE PROPERTY					PPAWSMW-2
AMALYTICAL LAS EEV GOLD AMALYTICAL LAS EEV GOLD AMALYTICAL LAS EEV GOLD G		AC898	AC848	AC841	AC842	AC923
DE ETHENE RESULT GOLD GOLD GOLD GOLD GOLD GOLD GOLD GOLD					-	7/22/99
ANALYTICAL LAB REV QUAL RESULT QUALQUAL CODE RESULT QUALQUAL CODE RESULT QUALQUAL CODE						0-10
STORE CHENE ETHENE STORE CHENE STORE CHEN		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	LAB REV QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
100 C C C C C C C C C	L) Continued					
100 C C C C C C C C C C C C C C C C C C						UR
2.00 U	DISULFIDE					n
1.00 U 1.	INE CHLORIDE					n
1.00 U	2-DICHLOROETHENE					n
1.00 U	OROETHANE					n
2.00 U	CHLOROETHYLENE					n
1.00 U 1.00 U	ETHYL KETONE (2-BU					D
2.00 1.	HLOROMETHANE					n
(4) (5) (7) (8) (9) (9) (10) (10) (10) (10) (10) (10) (10) (10	FORM					2.00
(4- 1.00 U	CHLOROETHANE					n
(4) (100 II	TETRACHLORIDE					n
(4) NE						n
4. The second of	OROETHANE					n
E (4.	ROETHYLENE (TCE)					n
E (4.	OROPROPANE					n
E (4. E) 1.00 U	ICHLOROMETHANE			-		n
5.00 U 1.00 U 1.00 U 1.00 U 1.00 U 1.00 U 1.00 U 1.00 U	ICHLOROPROPENE					D
1.00 U 1.00 U 1.00 U 1.00 U 1.00 U 1.00 U 1.00 U	ISOBUTYL KETONE (4					n
1.00 U 1.00 U 5.00 U 1.00 U 1.00 U 1.00 U	[17]					n
1.00 U 2.00 U 3.00 U 1.00 U 1.00 U	3-DICHLOROPROPENE					n
1.00 U	CHLOROETHANE					n
OROMETHANE ETHANE (ETHYLE 1.00 U	ILOROETHYLENE(PCE					ח
1.00 U	ONE					n
1.00 U	OCHLOROMETHANE					n
	MOETHANE (ETHYLE					D

Depths are measured in feet below the water table.

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VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

		HES Technical Information Systems RGEN Ver. 2w
	QUAL	
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	LAB REV QUAL QUAL	
	AL LA	<u></u>
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AC923 7/22/99	ANAI	
AC 7/2:	01-0	
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	LAB REV QUAL QUAL QUAL	
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AC842	ANAL	
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	ANALYTICAL LAB RESULT QUAL	
	YTICA	
341	ANAL	
AC841		
	QUAL	
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	LLAB	
	YTICA	
348	ANALYTICAL LAB REV RESULT QUAL QUAL	
AC848		
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	4L CO	
	AL QU	
	VL LAI	
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	
AC898	ANAI	
AC		
		C21V (UGL) Continued CHLOROBENZENE ETHYLBENZENE XYLENES, TOTAL STYRENE BROMOFORM 1,1,2,2-TETRACHLOROETHANE 1,3-DICHLOROBENZENE 1,2-DICHLOROBENZENE 1,2-DIBROMO-3-CHLOROPROPA 1,2,4-TRICHLOROBENZENE 2-CHLOROETHYL VINYL ETHER 2-CHLOROETHYL VINYL ETHER
		COPI ENE TE
		DROJ ZEN ZEN ZEN ZEN ZEN ZEN ZEN ZEN ZEN
		AL AL AN YEL A AL AY YEL A AY YEL A AY YEL A AY YEL A AY YEL AY Y
		CHLOROBENZENE ETHYLBENZENE XYLENES, TOTAL STYRENE BROMOFORM 1,1,2,2-TETRACHLOROETH4 1,3-DICHLOROBENZENE 1,2-DICHLOROBENZENE 1,2-DIGHLOROBENZENE 1,2-DIGHLOROBENZENE 1,2-DIBROMO-3-CHLOROPR 1,2,4-TRICHLOROBENZENE 2-CHLOROETHYL VINYL ET 2-CHLOROETHYL VINYL ET
LAB EPA NO Date Sampled		CZIV (UGAL) C CHLOROBENZE ETHYLBENZE XYLENES, TO STYRENE BROMOFORM 1,1,2,2-TETRA(1,3-DICHLORC 1,2-DICHLORC 1,2-DICHLORC 1,2-TETRA(1,2-DIBROMO- 1,2,4-TRICHLO VINYL ACETA DIBROMOMET
LAB EPA N Date Sampled	Depth Method Analyte	C21V (UG CHLOROE ETHYLBE XYLENES STYRENE 1,1,2,2-TE 1,3-DICHL 1,2-DICHL 1,2-DICHL 1,2-DIBRC VINYL AC VINYL AC DIBROMC 2-CHLOROE
7 1 1 1 1 1 1 1 1 1 1		

VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

Depths are measured in feet below the water table.

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VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

GIS I OCID	RANGECON	RANGECON	TEXTRONPW-1	TEXTRONPW-2	WELLB
ON	AC843	AC844	AC933	AC934	AC849
	7/15/99	7/15/99	7/27/99	7/27/99	7/15/99
Depth	•		•		
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
E524.2 (UG/L) Continued					
TRICHLOROETHYLENE (TCE)	0.10 U U	0.10 U U	0.10 U	0.10 U U	0.10 U U
TRICHLOROFLUOROMETHANE	0.50 U U	0.50 U U	0.50 U U	0.50 U U	0.50 U U
DICHLORODIFLUOROMETHAN	E 0.50 U U	0.50 U U	0.50 U U	0.50 U U	0.50 U U
HEXACHLOROBUTADIENE	0.20 U U	0.20 U U	0.00 U	0.20 U U	0.20 U U
1,2-DICHLOROPROPANE	0.10 U	0.10 U	0.10 U U	0.10 U	0.10 U
1,3-DICHLOROPROPANE	0.10 U	0.10 U	0.10 U U	0.10 U	0.10 U
2,2-DICHLOROPROPANE	0.50 U UJ L	0.50 U UJ L	0.50 U UJ C,L	0.50 U UJ C,L	0.50 U UJ L
BROMODICHLOROMETHANE	0.10 U U	0.10 U	0.10 U U	0.10 U	0.10 U
CIS-1,3-DICHLOROPROPENE	0.10 U	U 0.10 U	0.10 U U	0.10 U	0.10 U
1,1-DICHLOROPROPENE	0.10 U	0.10 U	0.10 U U	0.10 U	0.10 U
TOLUENE	0.50 U U	0.50 U U	0.50 U U	0.50 U U	0.50 U U
2-CHLOROTOLUENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	0.20 U U
4-CHLOROTOLUENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	0.20 U U
TRANS-1,3-DICHLOROPROPENE	U U 01.0	0.10 U U	0.10 U U	0.10 U U	0.10 U
1,1,2-TRICHLOROETHANE	0.10 U	0.10 U	0.10 U U	0.10 U U	0.10 U
1,2,3-TRICHLOROBENZENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	0.20 U U
TETRACHLOROETHYLENE(PCE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	0.20 U U
DIBROMOCHLOROMETHANE	0.10 U U	0.10 U	0.10 U U	0.10 U U	0.10 U
1,2-DIBROMOETHANE (ETHYLE	0.10 U U	0.10 U	0.10 U U	0.10 U	0.10 U
CHLOROBENZENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	0.20 U U
ETHYLBENZENE	0.10 U	0.10 U	0,10 U	0.10 J *II	0.10 U
XYLENES, TOTAL	0.20 U U	0.20 U U	0.20 U U	0.20 J T,*8,	*II 0.20 U U
M-XYLENE (1,3-DIMETHYLBEN	U 0.20 U R *10	0.20 U R *10	0.20 U R *10	0.60 R *10	0.20 U R *10
P-XYLENE (1,4-DIMETHYLBENZ	2 0.20 U R *10	0.20 U R *10	0.20 U R *10	0.60 R *10	0.20 U R *10
O-XYLENE (1,2-DIMETHYLBEN	2 0.10 U R *10	0.10 U R *10	0.10 U R *10	0.20 R *10	0.10 U R *10
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Depths are measured in feet below the water table.

OEES Technical Information Systems RGEN Ver. 2w

Ogden Environmental and Energy Services

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VALIDATED MMR DATA, DECEMBER 1999 GROUP D: VOLATILES (WATER)

GIS LOCID	RANGECON	RANGECON	TEXTRONPW-1	TEXTRONPW-2	WELLB
NO	AC843	AC844	AC933	AC934	AC849
Date Sampled	7/15/99	7/15/99	7/27/99	7/27/99	7/15/99
Depth	•	1		•	
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
E524.2 (UG/L) Continued					
STYRENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	0.20 U U
BROMOFORM	0.10 U	U U 0.10	0.10 U U	0.10 U	0.10 U U
1,1,2,2-TETRACHLOROETHANE	U U 0.10 V	0.10 U U	0.10 U	0.10 U	0.10 U U
1,1,1,2-TETRACHLOROETHANE	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U U
1,3-DICHLOROBENZENE	U U 01.0	0.10 U U	0.10 U U	0.10 U U	0.10 U U
1,4-DICHLOROBENZENE	0.10 U U	0.10 U U	0.10 U U	0.10 U U	0.10 U U
1,2-DICHLOROBENZENE	0.10 U U	0.10 U U	0.10 U U	0.10 U	0.10 U U
1,2-DIBROMO-3-CHLOROPROPA	0.20 U U	0.20 U U	0.20 U U	0.20 U U	0.20 U U
1,2,4-TRICHLOROBENZENE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	0.20 U U
1,2,3-TRICHLOROPROPANE	0.20 U U	0.20 U U	0.20 U U	0.20 U U	0.20 U U
DIBROMOMETHANE	0.10 U	0.10 U U	0.10 U U	0.10 U	0.10 U U
NAPHTHALENE	U U 00.00	0.20 U U	0.20 U U	0.40 J *II	0.20 U U
TERT-BUTYL METHYL ETHER	0.50 U U	0.50 U U	0.50 U U	0.50 U U	0.50 U U
1,2,4-TRIMETHYLBENZENE	0.10 U	0.10 U	0.10 U	0.30 J *11	0.10 U U
1,3,5-TRIMETHYLBENZENE (ME	0.50 U U	0.50 U U	0.50 U U	0.50 U U	0.50 U U
504 (NG/L)					m _c
1,2-DIBROMOETHANE (ETHYLE 8021W (TIGA)					N Ver.
TERT-BUTYL METHYL ETHER					#D 4
OC21V (UG/L)					
CHLOROMETHANE					
VINYL CHLORIDE					
BROMOMETHANE					al lesi
CHLOROETHANE					
1,1-DICHLOROETHENE					. 544

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VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

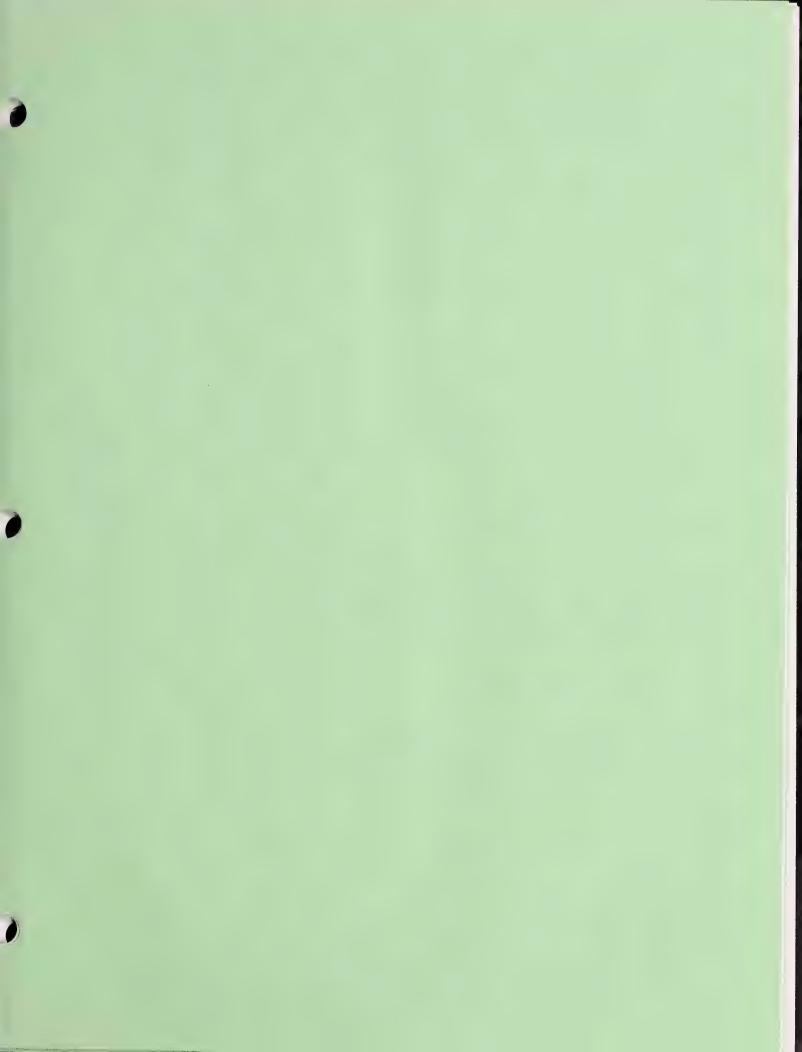
GIS LOCID						
LAB EPA NO	AC843	AC844	AC933	AC934	AC849	
Date Sampled						
Depth						
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	78
OC21V (UG/L) Continued						
ACETONE						
CARBON DISULFIDE						
METHYLENE CHLORIDE						
TRANS-1,2-DICHLOROETHENE						
CIS-1 2-DICHI OROETHYI ENE						
METHYL ETHYL KETONE (2-BU						
BROMOCHLOROMETHANE						
CHLOROFORM						
1,1,1-TRICHLOROETHANE						
CARBON TETRACHLORIDE						
BENZENE						
1,2-DICHLOROETHANE						
TRICHLOROETHYLENE (TCE)						
1,2-DICHLOROPROPANE						
BROMUDICHLOROME I HANE						
METHYL ISOBLITYL KETONE (4	4					JaV V
TOLUENE						and o
TRANS-1,3-DICHLOROPROPENE	ш					
1,1,2-TRICHLOROETHANE						2 noit
TETRACHLOROETHYLENE(PCE						
2-HEXANONE						iul le
DIBROMOCHLOROMETHANE						
1,2-DIBROMOETHANE (ETHYLE	ш					T SH
Denths are measured in feet helow the water table	water table					

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VALIDATED MMR DATA, DECEMBER 1999

GROUP D: VOLATILES (WATER)

			T E	OEES Technical Information Systems RGEN Ver. 2w
			QUAL CODE	
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			IL LAB	
			ANALYTICAL LAB REV RESULT QUAL QUAL	
AC849			ANAI	
AC				
			QUAL	
			LAB REV QUAL QUAL	
			LAB QUAL	
			ANALYTICAL RESULT	
34			NALY	
AC934				
			JAL	
			ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	
			AB RE UAL QU	
			CALL	
3			RESUL	
AC933			AN	
1			19	
			QUAL	
			3 REV ALQUAL	
			AL LAB QUAL	
			ANALYTICAL I RESULT	
AC844			ANA	
Ψ				
			QUAL	
			REV QUAL	
			LAB	
			ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	
AC843			ANAL	
AC				m
				CHLOROBENZENE ETHYLBENZENE ETHYLBENZENE XYLENES, TOTAL STYRENE BROMOFORM 1,1,2,2-TETRACHLOROETHANE 1,4-DICHLOROBENZENE 1,2-DIGHLOROBENZENE 1,2-DIGHLOROBENZENE 1,2-DIGHLOROBENZENE 1,2-DIGHLOROBENZENE 2,4-TRICHLOROBENZENE 2-CHLOROETHYL VINYL ETHER 2-CHLOROETHYL VINYL ETHER
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				Sonti Sent Sent Senti Senti Senti Senti Senti Senti Senti Senti Senti Se
ON NO	p			CHLOROBENZENE ETHYLBENZENE XYLENES, TOTAL STYRENE BROMOFORM 1,1,2,2-TETRACHLOROETH 1,3-DICHLOROBENZENE 1,2-DICHLOROBENZENE 1,2-DICHLOROBENZENE 1,2-DIGHLOROBENZENE 1,2-DIBROMO-3-CHLOROPR 1,2,4-TRICHLOROBENZENE 2-CHLOROETHYL VINYL E DIBROMOMETHANE 2-CHLOROETHYL VINYL E
LAB_EPA_NO	Date Sampled		- et	C21V (UG, CHLOROB ETHYLBE XYLENES XYLENES STYRENE 1,1,2,2-TE 1,2-DICHL 1,2-DICHL 1,2-DICHL 1,2-DICHC 1,2-DICHC 1,2-DICHC 1,2-TRIC VINYL AC DIBROMC 2-CHLORC
'B_E	ite Sa	Depth	Method Analyte	CHLO CHLO CHLO CHLO CHLO CHLO CHLO CHLO
LA	Da	Ď	M	6 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -





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VALIDATED MMR DATA, DECEMBER 1999

GROUP F: VOLATILES (SOIL)

EPA_NO ampled	2007				
ampled	AC803	AC886	Intentionally blank	Intentionally blank	Intentionally blank
	7/20/99	7/27/99			
Depth	15-19	10-14			
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8021S (UG/KG)					
1,2-DIBROMOETHANE (ETHYLE	0.50 U U	0.51 U U			
TERT-BUTYL METHYL ETHER	0.50 U U	0.51 U U			
OM31V (UG/KG)					
CHLOROMETHANE	11.00 U	10.00 U			
VINYL CHLORIDE	11.00 U	10.00 U			
BROMOMETHANE	11.00 U	10.00 U			
CHLOROETHANE	11.00 U	U U 0001			
ACETONE	11.00 U	10.00 JB UJ B,C			
1,1-DICHLOROETHENE	11.00 U	10.00 U			
METHYLENE CHLORIDE	11.00 U	10.00 U			
CARBON DISULFIDE	11.00 U	10.00 U			
TOTAL 1,2-DICHLOROETHENE	11.00 U	10.00 U			
1,1-DICHLOROETHANE	11.00 U U	10.00 U			
METHYL ETHYL KETONE (2-BU	11.00 U	10.00 U			
CHLOROFORM	U 00 U II	10.00 U			
1,1,1-TRICHLOROETHANE	11.00 U	10.00 U			
CARBON TETRACHLORIDE	11.00 U	U 0.00 U			-
1,2-DICHLOROETHANE	11.00 U	10.00 U			
BENZENE	U 0 0 011	10.00 U			
TRICHLOROETHYLENE (TCE)	U 00 011	10.00 U			
1,2-DICHLOROPROPANE	11.00 U	10.00 U			
BROMODICHLOROMETHANE	11.00 U	10.00 U			
METHYL ISOBUTYL KETONE (4	11.00 U	U 0.00 U			
CIS-1,3-DICHLOROPROPENE	11.00 U	U 0.00 U			
TOLUENE	11.00 U	10.00 U			

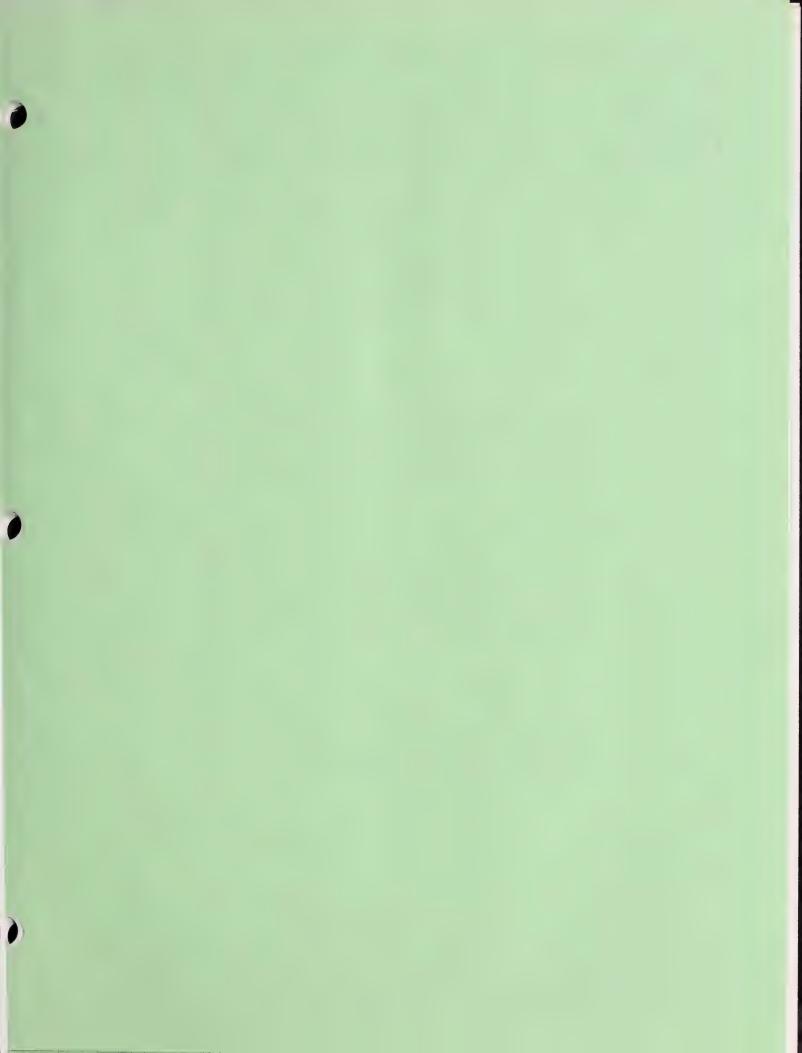
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VALIDATED MMR DATA, DECEMBER 1999

GROUP F: VOLATILES (SOIL)

10-14	Intentionally blank	Intentionally blank	Intentionally blank	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL CODE R	ANALYTICAL LAB REV QUAL RESULT QUALQUAL CODE RESULT	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	ANALYTICAL LAB REY OUAL CODE RESULT OUAL QUAL CODE	ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL
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ANALYTICAL LAB REV QUAL CODE RESULT QUAL CODE RESULT QUAL CODE	ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL CODE RESULT QUAL CODE RESULT QUAL CODE	ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL CODE RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL CODE RESULT QUAL CODE RESULT QUAL CODE	ANALYTICAL LAB REV QUAL CODE RESULT QUAL CODE RESULT QUAL CODE	ANALYTICAL LAB REV QUAL CODE RESULT QUAL CODE RESULT QUAL CODE RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE RESULT QUAL CODE ASSULT QUAL CODE ASSULT QUAL CODE ASSULT QUAL QUAL CODE ASSULT QUAL CODE A
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D	٥	D .	D .	D .	D .	D .	D .	D .

Depths are measured in feet below the ground surface.





GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID	03MW0040C	ASPWELL	CEMETERY1	CEMETERY2	PPAWSMW-2
LAB EPA NO	AC898	AC848	AC841	AC842	AC923
Date Sampled	7/21/99	7/20/99	7/14/99	7/14/99	7/22/99
	0-10	•	•	1	0-10
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
E525.2 (UG/L)					
ALDRIN	0.10 U U	0.10 U UJ C	0.10 U UJ I	0.10 U	
HEXACHLOROCYCLOPENTADII	0.10 U UJ L	0.10 U U	0.10 U UJ I	0.10 U	
HEXACHLOROBENZENE	0.10 U U	0.10 U UJ C	0.10 U UJ I	0.10 U	
BIS(2-ETHYLHEXYL) PHTHALA	0,70 U UJ C,I	0.60 U U	0.60 U UJ I	I IN 09.0	
BENZO(A)PYRENE	0.02 U UJ I	0.02 U UJ C	0.02 U UJ I	0.02 U UJ I	
GAMMA BHC (LINDANE)	0.02 U U	0.02 U UJ C	0.02 U UJ I	0.02 U U	
HEPTACHLOR	0.04 U U	0.04 U UJ C	0.04 U UJ I	0.04 U U	
HEPTACHLOR EPOXIDE	0.02 U U	0.02 U UJ C	0.02 U UJ I	0.02 U U	
BUTACHLOR	0,10 U UJ C	0.10 U U	0.10 U UJ I	0.10 U	
ENDRIN	0.01 U UJ C,I	0.01 U UJ C	0.01 U UJ I	0.01 U UJ I	
DIELDRIN	0.10 U UJ I	0.10 U	0.10 U UJ I	0.10 U UJ I	
METOLACHLOR	0.10 U UJ I	0.10 U UJ C	0.10 U UJ I	0.10 U U	
METRIBUZIN	0.10 U UJ C	0.10 U UJ C	0.10 U UJ I,L	0.10 U UJ L	
METHOXYCHLOR	0.10 U	0.10 U	0.10 U UJ I	0.10 U UJ I	
PROPACHLOR	0.10 U U	0.10 U UJ C	0.10 U UJ I	0,10 U U	
ALACHLOR	0.10 U U	0.10 U	0.10 U UJ I	0.10 U U	
ATRAZINE	0.10 U U	0.10 U	0.10 U UJ I	0.10 U U	
2-ETHYLHEXYL ADIPATE	0.70 U UJ C,I	U U 09.0	0.60 U UJ I	0.60 U UJ I	
SIMAZINE	0.08 U UJ C	0.07 U UJ C	0.07 U UJ I	0.07 U	
OC21B (UG/L)					
N-NITROSODIMETHYLAMINE					0 00.09
ANILINE (PHENYLAMINE, AMIN					11.00 U
PHENOL					0.00 U
BIS(2-CHLOROETHYL) ETHER (0.00 U
2-CHLOROPHENOL					D D 00.9

Depths are measured in feet below the water table.

OEES Technical Information Systems RGEN Vet. 2w

GROUP G: SEMIVOLATILES (WATER)

GIS_LOCID					PPAWSMW-2
LAB_EPA_NO	AC898	AC848	AC841	AC842	AC923
Date Sampled					7/22/99
Depth					0-10
<i>Method</i> Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L) Continued					
BENZYL ALCOHOL					00.00 UJ C
2,2'-OXYBIS(1-CHLORO)PROPAR					n n 00'9
2-METHYLPHENOL (O-CRESOL)					n n 00'9
HEXACHLOROETHANE					n n 00:9
N-NITROSODI-N-PROPYLAMINE					n n 00'9
4-METHYLPHENOL (P-CRESOL)					N N 00.9
NITROBENZENE					O O O O
ISOPHORONE					n n 00'9
2-NITROPHENOL					n n 00'9
2,4-DIMETHYLPHENOL					n n 00'9
BIS(2-CHLOROETHOXY) METHA					n n 00'9
2,4-DICHLOROPHENOL					00.00 U
BENZOIC ACID					22.00 U U
NAPHTHALENE					Þ
4-CHLOROANILINE					n n 00'9
HEXACHLOROBUTADIENE					0.00 U
4-CHLORO-3-METHYLPHENOL					0.00 U
2-METHYLNAPHTHALENE					n n 00'9
HEXACHLOROCYCLOPENTADI					U U 00.9
2,4,6-TRICHLOROPHENOL					n n
2,4,5-TRICHLOROPHENOL					22.00 U U
2-CHLORONAPHTHALENE					n n 00'9
2-NITROANILINE					22.00 U U
DIMETHYL PHTHALATE					0.00 U
ACENAPHTHYLENE					U U 00.9
D. 41					

Depths are measured in feet below the water table.

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OEES Technical Information Systems RGEN Ver. 2w

VALIDATED MMR DATA, DECEMBER 1999 GROUP G: SEMIVOLATILES (WATER)

GIO 1 310					PPAWSMW-2
dis rocio	A C 808	A C848	AC841	A C842	AC973
LAB_EPA_NO		AC840	AC041	AC042	AC723
Date Sampled					1/22/99
Depth					0-10
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OC21B (UG/L) Continued					
2,6-DINITROTOLUENE					0.00 U
ACENAPHTHENE					0.00 U
3-NITROANILINE					22.00 U U
2,4-DINITROPHENOL		-			22.00 U U
DIBENZOFURAN					0.00 U U
4-NITROPHENOL					22.00 U UJ C
2,4-DINITROTOLUENE					0.00 U
FLUORENE					0.00 U
DIETHYL PHTHALATE					0 00.9
4-CHLOROPHENYL PHENYL ET					00'9 n
4-NITROANILINE					22.00 U U
4,6-DINITRO-2-METHYLPHENOL					22.00 U U
N-NITROSODIPHENYLAMINE					0.00 U
4-BROMOPHENYL PHENYL ETH					0.00 U
HEXACHLOROBENZENE					0.00 U
PENTACHLOROPHENOL					22.00 U U
PHENANTHRENE					0.00 U
ANTHRACENE					O O O O
CARBAZOLE					0.00 U
DI-N-BUTYL PHTHALATE					0.00 U
FLUORANTHENE					0.00 U
PYRENE					0.00 U
BENZYL BUTYL PHTHALATE					0.00 U
BENZO(A)ANTHRACENE					O O O O
3,3'-DICHLOROBENZIDINE					6.00 U UJ C

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VALIDATED MMR DATA, DECEMBER 1999 GROUP G: SEMIVOLATILES (WATER)

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PPAWSMW-2	AC923	7/22/99	0-10	A	
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	AC842				
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				NL LAI	
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	AC841			ANAI	
	AC				
				QUAL	
				EV Q	
				LAB REV QUAL QUAL	
				CALL	
	20			ANALYTICAL I RESULT	
	AC848			AN	
	A				
				QUAL	
				REV	
				LAB	
				TICAL	
	86			ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	
	AC898			A	
	7				ITA.
					C21B (UG/L) Continued CHRYSENE BIS(2-ETHYLHEXYL) PHTHALA' DI-N-OCTYLPHTHALATE BENZO(B)FLUORANTHENE BENZO(A)PYRENE INDENO(1,2,3-C,D)PYRENE BENZO(G,H,I)PERYLENE BENZO(G,H,I)PERYLENE
					C21B (UG/L) Continued CHRYSENE BIS(2-ETHYLHEXYL) PHTH4 DI-N-OCTYLPHTHALATE BENZO(B)FLUORANTHENE BENZO(A)PYRENE INDENO(1,2,3-C,D)PYRENE DIBENZ(A,H)ANTHRACENE BENZO(G,H,I)PERYLENE
					A XYL XXYL XXYL XXYL XXX XX XXX XXX XXX X
					CHRYSENE BIS(2-ETHYLHEXYL) P DI-N-OCTYLPHTHALA BENZO(B)FLUORANTH BENZO(R)FLUORANTH BENZO(A)PYRENE INDENO(1,2,3-C,D)PYR DIBENZ(A,H)ANTHRAC BENZO(G,H,I)PERYLEN
0	NO	ed			6/L) 1. HYI 1. HYI
GIS LOCID	LAB EPA NO	Date Sampled		d rte	C21B (UG/L) CHRYSENE BIS(2-ETHY DI-N-OCTYI BENZO(B)FI BENZO(A)F INDENO(1,2 DIBENZ(G,H,
SL	IB I	ite S	Depth	Method Analyte	CHR BES CHR BE
5	L	Ĭ	Ď	Z	0

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

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GROUP G: SEMIVOLATILES (WATER)

ABE EPA_NO AC843 AC844 AC844 AC844 AC844 AC844 AC844 AC844 AC844 AC845 AC844 AC844 AC845 AC844 AC844 AC845 AC844 AC850	AC933 7/27/99	AC934 7/27/99 - ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE 0.10 U U	Tran O
	O.10 U UJ O.02 U UJ	EVTICAL LAB REEV SULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	SUT QUALQUAL SUT QUALQUAL QUALQUAL QUALQUAL QUALQUAL QUALQUALQUALQUALQUALQUALQUALQUALQUALQUAL
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ANALYTICAL LAB REV QUAL PUAL CODE 0.10 U U U U U U U U U U U U U U U U U U U	ANALYTICAL LAB REV QUAL CODE 0.10 U UJ I, 0.10 U UJ I, 0.00 U UJ I 0.02 U UJ I 0.02 U UJ I 0.04 U UJ I 0.04 U UJ I 0.05 U UJ I 0.09 U UJ I 0.09 U UJ I 0.09 U UJ I	ANALYTICAL LAB REV QUAL CODE 0.10 U U	ANALYTICAL LAB. REV QUAL RESULT QUAL CODE CODE 0.10 U U U 0.10 U U 0.10 U U 0.60 U U 0.60 U U 0.60 U 0.
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0.10 U UJ L 0.10 U 0.10 U U 0.10 U 0.10 U U 0.10 U 0.10 U U 0.10 U 0.60 U U 0.60 U 0.07 U U	0.10 U UJ I	0.10 U	0.10 U U
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2 KAVAZI			
BIS(2-CHLOROETHYL) ETHER (

Depths are measured in feet below the water table.

GROUP G: SEMIVOLATILES (WATER)

	AC843		AC844		AC933		AC934	A(AC849	
Date Sampled										
Depth										
<i>Method</i> Analyte	ANALYTICA	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL RESULT	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL RESULT	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	QUAL
OC21B (UG/L) Continued										
BENZYL ALCOHOL										
2,2'-OXYBIS(1-CHLORO)PROPAR										
2-METHYLPHENOL (O-CRESOL)	_									
HEXACHLOROETHANE										
N-NITROSODI-N-PROPYLAMINE	F-3									
4-METHYLPHENOL (P-CRESOL)										
NITROBENZENE										
ISOPHORONE										
2-NITROPHENOL										
2,4-DIMETHYLPHENOL										
BIS(2-CHLOROETHOXY) METHA										
2,4-DICHLOROPHENOL										
BENZOIC ACID										
NAPHTHALENE										
4-CHLOROANILINE									_	
HEXACHLOROBUTADIENE										
4-CHLORO-3-METHYLPHENOL										
2-METHYLNAPHTHALENE									-	
HEXACHLOROCYCLOPENTADI								-		
2,4,6-TRICHLOROPHENOL										
2,4,5-TRICHLOROPHENOL										
2-CHLORONAPHTHALENE				_						
2-NITROANILINE										
DIMETHYL PHTHALATE										
ACENAPHTHYLENE										

Depths are measured in feet below the water table.

Ogden Environmental and Energy Services

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VALIDATED MMR DATA, DECEMBER 1999 GROUP G: SEMIVOLATILES (WATER)

GIS LOCID					
LAB_EPA_NO	AC843	AC844	AC933	AC934	AC849
Date Sampled					
Depth					
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE				
OC21B (UG/L) Continued					
2,6-DINITROTOLUENE					
ACENAPHTHENE					
3-NITROANILINE					
2,4-DINITROPHENOL					
DIBENZOFURAN					
4-NITROPHENOL					
2,4-DINITROTOLUENE					
FLUORENE					
DIETHYL PHTHALATE					
4-CHLOROPHENYL PHENYL ET					
4-NITROANILINE					
4,6-DINITRO-2-METHYLPHENOL					
N-NITROSODIPHENYLAMINE					
4-BROMOPHENYL PHENYL ETH					
HEXACHLOROBENZENE					
PENTACHLOROPHENOL					
PHENANTHRENE					
ANTHRACENE					
CARBAZOLE					
DI-N-BUTYL PHTHALATE					
FLUORANTHENE					
PYRENE					
BENZYL BUTYL PHTHALATE					
BENZO(A)ANTHRACENE					
3,3'-DICHLOROBENZIDINE					
1, F. 1, -1	11.00				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999 GROUP G: SEMIVOLATILES (WATER)

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	Щ	AC849	Ц			
					CODE	
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					ANALYTICAL LAB REV RESULT QUAL QUAL	
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- 1		34			NALYI	
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					ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	
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	0	02	po			6/L) NE TYL) B)EL(A,H) C(4,2,7) C(4,2,7
	OCII	EPA	ampl		d yte	C21B (UGL) Continued CHRYSENE BIS(2-ETHYLHEXYL) PHTHALA DI-N-OCTYLPHTHALATE BENZO(B)FLUORANTHENE BENZO(A)PYRENE INDENO(1,2,3-C,D)PYRENE BIBENZO(G,H,I)PERYLENE BENZO(G,H,I)PERYLENE
	GIS LOCID	LAB EPA NO	Date Sampled	Depth	Method Analyte	OC21B (UG/L) Continued CHRYSENE BIS(2-ETHYLHEXYL) P DI-N-(OCTYLPHTHALA' BENZO(B)FLUORANTH BENZO(C)PYRENE INDENO(1,2,3-C,D)PYR DIBENZO(G,H,1)PERYLEN BENZO(G,H,1)PERYLEN
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Depths are measured in feet below the water table.





VALIDATED MMR DATA, DECEMBER 1999

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AB EDA MO	A C.863	7000			
	Coort	AC886	Intentionally blank	Intentionally blank	Intentionally blank
Date Sampled	7/20/99	7/27/99			
	15-19	10-14			
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31B (UG/KG)					
	330.00 U	340.00 U			
BIS(2-CHLOROETHYL) ETHER (330.00 U	340.00 U			
2-CHLOROPHENOL	330.00 U	340.00 U			
1,3-DICHLOROBENZENE	330.00 U U	340.00 U U			
,4-DICHLOROBENZENE	330.00 U	340.00 U			
1,2-DICHLOROBENZENE	330.00 U U	340.00 U			
2,2'-OXYBIS(1-CHLORO)PROPAL	330.00 U U	340.00 U UJ C			
2-METHYLPHENOL (O-CRESOL)	330.00 U	340.00 U U	-		
HEXACHLOROETHANE	330.00 U U	340.00 U U			
N-NITROSODI-N-PROPYLAMINE	330.00 U U	340,00 U U			
4-METHYLPHENOL (P-CRESOL)	330,00 U U	340,00 U U			
NITROBENZENE	330.00 U U	340.00 U U			
ISOPHORONE	330.00 U	340,00 U U			
2-NITROPHENOL	330.00 U	340.00 U U			
2,4-DIMETHYLPHENOL	330,00 U U	340.00 U U			
BIS(2-CHLOROETHOXY) METHA	330,00 U U	340.00 U U			
2,4-DICHLOROPHENOL	330,00 U U	340.00 U U			
1,2,4-TRICHLOROBENZENE	330,00 U U	340.00 U U			
NAPHTHALENE	330,00 U U	340.00 U U			
4-CHLOROANILINE	330.00 U U	340,00 U U			
HEXACHLOROBUTADIENE	330,00 U	340.00 U U			
4-CHLORO-3-METHYLPHENOL	330,00 U	340.00 U U			
2-METHYLNAPHTHALENE	330.00 U	340.00 U U			
HEXACHLOROCYCLOPENTADI	330.00 U U	340.00 U U			
2,4,6-TRICHLOROPHENOL	330.00 U U	340.00 U U			

VALIDATED MMR DATA, DECEMBER 1999

GROUP H: SEMIVOLATILES (SOIL)

1000		70007			-
AC863		AC886	Intentionally blank	Intentionally blank	Intentionally blank
7/20/99	6	7/27/99			
15-19		10-14			
ANA	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OM31B (UG/KG) Continued					
	840.00 U U	850.00 U			
(*)	330.00 U U	340.00 U			
	840.00 U U	850.00 U U			
DIMETHYL PHTHALATE	330.00 U	340.00 U U			
	330.00 U U	340.00 U			
	330.00 U U	340,00 U U			
	330.00 U	340.00 U			
	840.00 U	850.00 U			
	840.00 U U	850.00 U			
	330.00 U U	340.00 U			
	840.00 U U	850.00 U U			
	330.00 U U	340.00 U			
	330.00 U U	340.00 U			
	330.00 U U	340.00 U			
4-CHLOROPHENYL PHENYL ETI	330.00 U U	340.00 U			
	840.00 U U	850.00 U			
4,6-DINITRO-2-METHYLPHENOL	840.00 U U	850.00 U			
N-NITROSODIPHENYLAMINE	330.00 U U	340.00 U			
4-BROMOPHENYL PHENYL ETH	330.00 U U	340.00 U			
HEXACHLOROBENZENE	330.00 U U	340.00 U			
PENTACHLOROPHENOL 8	840.00 U U	850.00 U U			
	330.00 U U	340.00 U U			
	330.00 U U	340.00 U U			
	330.00 U U	340.00 U U			
DI-N-RITTYL PHTHALATE	330 00 11 11	340 00 11 11			

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

GROUP H: SEMIVOLATILES (SOIL)

	Ily blank Intentionally blank			ANALYTICAL LAB REV QUAL RESULT QUAL QUAL QUAL QUAL QUAL QUAL QUAL QUAL	
	Intentionally blank Intentionally blank			ANALYTICAL LAB REV QUAL ANALYT RESULT QUAL QUAL CODE RESU	
		7/27/99	10-14	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	340.00 U U S 340.00 U UJ C 340.00 U UJ C 340.00 U U U 340.00 U U U
	AC863	7/20/99	15-19	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	330.00 U U 330.00 U U 330.00 U U U
GIS_LOCID	LAB_EPA_NO	Date Sampled		Method Analyte	OM31B (UG/KG) Continued FLUORANTHENE PYRENE BENZYL BUTYL PHTHALATE BENZO(A)ANTHRACENE 3,3'-DICHLOROBENZIDINE CHRYSENE BIS(2-ETHYLHEXYL) PHTHALATE BENZO(B)FLUORANTHENE BENZO(K)FLUORANTHENE BENZO(A)PYRENE INDENO(1,2,3-C,D)PYRENE DIBENZ(A,H)ANTHRACENE BENZO(G,H,I)PERYLENE







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GROUP I: PESTICIDES/HERBICIDES (WATER) VALIDATED MMR DATA, DECEMBER 1999

CHOO I DAY	03MW0040C	ASPWELT.	CEMETER Y1	CEMETER Y2	PPAWSMW-2
GIS_LOCID	SOLOW MICO				
LAB EPA NO	AC898	AC848	AC841	AC842	AC923
Date Sampled	7/21/99	7/20/99	7/14/99	7/14/99	7/22/99
Depth	0-10				0-10
Method Apalyte	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
E505 (UG/L)					
CHLORDANE	0.20 U UJ S	0,20 U UJ C	0.20 U UJ C	0.20 U UJ C	
TOXAPHENE	1.00 U UJ C,S	1.00 U UJ C	1.00 U U	1.00 U U	
PCB-1016 (AROCHLOR 1016)	0.50 U UJ C,S,*11,	1, 0.50 U UJ C,*11,	\$ 0.50 U UJ C,*11	,\$ 0.50 U UJ C,*11,\$	- €
PCB-1221 (AROCHLOR 1221)	2.00 U UJ C,S	2.00 U UJ C	2.00 U UJ C	2.00 U UJ C	
PCB-1232 (AROCHLOR 1232)	0.50 U UJ C,S	1.00 U UJ C,*11,	\$ 1.00 U UJ	1.00 U UJ	₹
PCB-1242 (AROCHLOR 1242)	0.30 U UJ C,S	0.50 U UJ C,*11,\$	1,\$ 0.50 U UJ C,*11,\$	\$ 0.50 U UJ C,*11,\$	æ
PCB-1248 (AROCHLOR 1248)	0.10 U U S	0.10 U UJ C	0.10 U UJ C	0.10 U UJ C	
PCB-1254 (AROCHLOR 1254)	0.10 U UJ C,S	0.10 U UJ C	0.10 U UJ C	0.10 U U C	
PCB-1260 (AROCHLOR 1260)	0.20 U UJ C,S	0.20 U UJ C	0.20 U UJ C	0.20 U UJ C	
E515.1 (UG/L)					
DALAPON	1.00 U UJ C	1.00 U UJ C	1.00 U UJ C,Q	1.00 U UJ C	
2,4-D (DICHLOROPHENOXYACE	E 0.10 U UJ C	0.10 U UJ C	0.10 U UJ C	0.10 U U	
DICAMBA	0.10 U UJ C	0.10 U UJ C	0.10 U U	0.10 U U	
DINOSEB	0.10 U UJ C	0.10 U UJ C	0.10 U UJ C	0.10 U UJ C	
PENTACHLOROPHENOL	0.04 U UJ C	0.04 U UJ C	0.04 U U	0.04 U U	
SILVEX (2,4,5-TP)	0.10 U UJ C	0.10 U UJ C	0.10 U UJ C	0.10 U U	
PICLORAM	0.10 U UJ C	0.10 U UJ C	0.10 U	0.10 U U	
OL21P (UG/L)					
ALPHA BHC (ALPHA HEXACHL					0.01 U
BETA BHC (BETA HEXACHLOR					0.01 U
DELTA BHC (DELTA HEXACHL)		-			0.01 U U
GAMMA BHC (LINDANE)		-			0.01 U
HEPTACHLOR					0.01 U
ALDRIN					0.01 U
HEPTACHLOR EPOXIDE					0.01 U U

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP I: PESTICIDES/HERBICIDES (WATER)

GIS LOCID					PPAWSMW-2
LAB EPA NO	AC898	AC848	AC841	AC842	AC923
Date Sampled					7/22/99
Depth					0-10
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
OL21P (UG/L) Continued					
ALPHA ENDOSULFAN					0.01 U
DIELDRIN					0.02 U U
DDE (1,1-BIS(CHLOROPHENYL)					0.02 U U
ENDRIN					D
BETA ENDOSULFAN					0.02 U U
DDD (1,1-BIS(CHLOROPHENYL)					0.02 U U
ENDOSULFAN SULFATE					0.02 U U
DDT (1,1-BIS(CHLOROPHENYL)					0.02 U U
METHOXYCHLOR					D
ENDRIN KETONE					0.02 U U
ENDRIN ALDEHYDE					D
ALPHA-CHLORDANE					n
GAMMA-CHLORDANE					n
TOXAPHENE					b
PCB-1016 (AROCHLOR 1016)					0.21 U U
PCB-1221 (AROCHLOR 1221)					0.42 U U
PCB-1232 (AROCHLOR 1232)					0.21 U U
PCB-1242 (AROCHLOR 1242)					0.21 U U
PCB-1248 (AROCHLOR 1248)					0.21 U U
PCB-1254 (AROCHLOR 1254)					0.21 U U
PCB-1260 (AROCHLOR 1260)	-				0.21 U U
Donthe one mooning in foot holow the water toble	anotor toblo				

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP I: PESTICIDES/HERBICIDES (WATER)

GIS LOCID	RANGECON	RANGECON	TEXTRONPW-1	TEXTRONPW-2	WELLB
LAB EPA NO	AC843	AC844	AC933	AC934	AC849
Date Sampled	7/15/99	7/15/99	7/27/99	7/27/99	7/15/99
Depth			2		
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE			
E505 (UG/L)					
CHLORDANE	0.20 U UJ C,S	0.20 U UJ C,S	0.20 U U	0.20 U U	0.20 U UJ C
TOXAPHENE	1.00 U UJ S	1.00 U UJ C,S	1.00 U UJ C	1.00 U UJ C	U 00 01
PCB-1016 (AROCHLOR 1016)	0.50 U UJ C,S,\$	0.50 U UJ C,S,*1	11, 0.50 U UJ C,*11,	,\$ 0.50 U UJ C,*11	,\$ 0.50 U UJ C,*11,\$
PCB-1221 (AROCHLOR 1221)	2.00 U UJ C,S	2.00 U UJ C,S	2.00 U UJ C	2.00 U UJ C	2.00 U UJ C
PCB-1232 (AROCHLOR 1232)	1.00 U UJ C,S,*11,	1.00 U UJ C,S,*	1, 1.00 U UJ C,*11,	\$ 1.00 U UJ C,*11	,\$ 1.00 U UJ C,*11,\$
PCB-1242 (AROCHLOR 1242)	0.50 U UJ C,S,*11,	0.50 U UJ C,S,*	0.50 U UJ C,*11	,\$ 0.50 U UJ C,*11	,\$ 0.50 U UJ C,*11,\$
PCB-1248 (AROCHLOR 1248)	0.10 U UJ C,S	0.10 U UJ C,S	0.10 U U	0.10 U U	0.10 U UJ C
PCB-1254 (AROCHLOR 1254)	0.10 U UJ C,S	0.10 U UJ C,S	0.10 U	0.10 U U	0.10 U UJ C
PCB-1260 (AROCHLOR 1260)	0.00 U U C,S	0.20 U UJ C,S	0.20 U UJ C	0.20 U UJ C	0.20 U UJ C
E515.1 (UG/L)					
DALAPON	1.00 U UJ C	1.00 U UJ C	1.00 U UJ C,Q	1.00 U UJ C	1.00 U UJ L
2,4-D (DICHLOROPHENOXYACE	E 0.10 U UJ C	0.10 U UJ C	0.10 U	0.10 U	0.10 U UJ C
DICAMBA	0.10 U U	0.10 U	0.10 U U	0.10 U U	0.10 U UJ C
DINOSEB	0.10 U UJ C	0.10 U UJ C	0.10 U U	0.10 U U	0.10 U UJ C
PENTACHLOROPHENOL	0.04 U U	0.04 U U	0.04 U U	0.04 U U	0.04 U U
SILVEX (2,4,5-TP)	0.10 U UJ C	0.10 U UJ C	0.10 U	0.10 U U) C
PICLORAM	0.10 U U	0.10 U U	0.10 U U	0.10 U U	0.10 U
OL21P (UG/L)					N N-L
ALPHA BHC (ALPHA HEXACHI					
BETA BHC (BETA HEXACHLOR	×				
DELTA BHC (DELTA HEXACHL					
GAMMA BHC (LINDANE)					
HEPTACHLOR					cal In
ALDRIN					
HEPTACHLOR EPOXIDE					1.53:

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP I: PESTICIDES/HERBICIDES (WATER)

LAB_EPA_NO	AC843		AC844		AC933		AC934		AC849		
Date Sampled											
Depth	A CALLES	The state of the s	AT COLLEGE AT THE	11110			A Calabara a caraca			4	
Method Analyte	ANALY IICAL L RESULT Q	RESULT QUAL CODE	RESULT QUAL	LAB KEV QUAL QUAL QUAL CODE	RESULT QU	RESULT QUALQUAL CODE	RESULT	QUAL QUAL CODE	ANALYTICAL L RESULT Q	QUAL QUAL	CODE
OL21P (UG/L) Continued											
ALPHA ENDOSULFAN		- · · · · ·									
DIELDRIN											
DDE (1,1-BIS(CHLOROPHENYL)	-										
ENDOSTII RAN											
DDD (1.1-BIS/CHLOROPHENYL)											
ENDOSULFAN SULFATE											
DDT (1,1-BIS(CHLOROPHENYL)											
METHOXYCHLOR											
ENDRIN KETONE											
ENDRIN ALDEHYDE											
ALPHA-CHLORDANE											
GAMMA-CHLORDANE											
IOAAFHEINE										_	
PCB-1016 (AROCHLOR 1016)											
PCB-1221 (AROCHLOR 1221)											
PCB-1232 (AROCHLOR 1232)											
FCB-1242 (AROCHLOR 1242)											
PCB-1248 (ARUCHLUR 1248)										_	
PCB-1254 (AROCHLOR 1254)											
PCB-1260 (AROCHLOR 1260)	•										
					- 5						
Danthe are more in fact halow the water table	motor toblo	_							-	-	1

Depths are measured in feet below the water table.





GROUP J: PESTICIDES/HERBICIDES (SOIL) VALIDATED MMR DATA, DECEMBER 1999

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AD EDA MO					
	AC863	AC886	Intentionally blank	Intentionally blank	Intentionally blank
	7/20/99	7/27/99			
	15-19	10-14			
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
8151 (UG/KG)					
DALAPON	120.00 U	120,00 U			
3,5-DICHLOROBENZOIC ACID	47.00 U UJ C	48.00 U UJ C			
4-NITROPHENOL	92.00 U	93.00 U UJ *4			
DICAMBA	4.70 U U	4.80 U UJ *4			
MCPP	8300.00 U U	8400.00 U U			
MCPA	8300.00 U	8400.00 U *4			
DICHLOROPROP	47.00 U UJ C	48.00 U UJ C			
2,4-D (DICHLOROPHENOXYACE	D 00.09	61.00 U UJ *4			
PENTACHLOROPHENOL	17.00 U	17.00 U UJ *4			
SILVEX (2,4,5-TP)	4.80 U U	4.80 U U			
CHLORAMBEN	5.40 U R *4	5.50 U R *4			
2,4,5-T (TRICHLOROPHENOXYA	4.80 U U	4.80 U U			
2,4 DB	O 00:09	61.00 U UJ *4			
PICLORAM	4.70 U UJ C	4.80 U R *4			
BENTAZON	62.00 U U	63.00 U R *4			
DINOSEB	24.00 U UJ C	24.00 U UJ C			
DCPA (DACTHAL)	5.00 U UJ *4	5.10 U UJ *4			
ACIFLUORFEN	4.80 U U	4.90 U UJ C			
OM31P (UG/KG)					
ALPHA BHC (ALPHA HEXACHL)	U U 07.1	1.70 U UJ C			
BETA BHC (BETA HEXACHLOR)	U D 07.1	U U U OZ 1			
DELTA BHC (DELTA HEXACHL)	U O 07.1	1.70 U UJ C			
GAMMA BHC (LINDANE)	1.70 U U	1.70 U UJ C			
HEPTACHLOR	1.70 U	U U U OZ I			
ALDRIN	U U 0.71	U D 07.1			

Depths are measured in feet below the ground surface.

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VALIDATED MMR DATA, DECEMBER 1999 GROUP J: PESTICIDES/HERBICIDES (SOIL)

	MW-60	MW-61				
LAB_EPA_NO	AC863	AC886	Intentionally blank	Intentionally blank	Intentionally blank	
Date Sampled	7/20/99	7/27/99				
Depth	15-19	10-14				
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	78
OM31P (UG/KG) Continued						
HEPTACHLOR EPOXIDE	1.70 U U	U U U 0.71				
ALPHA ENDOSULFAN	1.70 U U	U U D 07.1				
DIELDRIN	3.30 U U	3.40 U UJ C				
DDE (1,1-BIS(CHLOROPHENYL)	3.30 U U	3.40 U U				
ENDRIN	3.30 U U	3.40 U U				-
BETA ENDOSULFAN	3.30 U U	3.40 U U				
DDD (1,1-BIS(CHLOROPHENYL)	3,30 U U	3.40 U UJ C				
ENDOSULFAN SULFATE	3.30 U U	3.40 U U				
DDT (1,1-BIS(CHLOROPHENYL)	3.30 U U	3.40 U U				
METHOXYCHLOR	17.00 U	U U 07.00				
ENDRIN KETONE	3.30 U U	3.40 U U				
ENDRIN ALDEHYDE	3.30 U U	3.40 U U				
ALPHA-CHLORDANE	1.70 U U	U U U 0.71				-
GAMMA-CHLORDANE	1.70 U U	U U U 0.1				
TOXAPHENE	U 00.001	U D 00.001				
PCB-1016 (AROCHLOR 1016)	33.00 U U	34.00 U U				
PCB-1221 (AROCHLOR 1221)	00.89 n	N N 00.89				er. Zv
PCB-1232 (AROCHLOR 1232)	33.00 U U	34.00 U U				EN /
PCB-1242 (AROCHLOR 1242)	33.00 U U	34.00 U U				DA en
PCB-1248 (AROCHLOR 1248)	33.00 U U	34.00 U U				ister Systen
PCB-1254 (AROCHLOR 1254)	33.00 U U	34.00 U U				noiti
PCB-1260 (AROCHLOR 1260)	33.00 U U	34.00 U U				ennole
						mical I
						doeT &
						OEE

Depths are measured in feet below the ground surface.

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VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

LAB_EPA_NO AC898 Date Sampled 7/21/99 Depth 0-10 Method ANAI Analyte RE SODIUM SODIUM E200.8 (UG/L) RE	869	AC848 7/20/99	AC841 7/14/99 7	AC842	AC923	
ampled 7/2 d d MG/L) IUM 8 (UG/L)	66/	7/20/99		71.4700	00,00,0	
d d yte B (MG/L) IUM 8 (UG/L)				//14/99	66/77//	
e (<i>MGL</i>) JM (<i>UGL</i>)					0-10	
3111B (MG/L) SODIUM 200.8 (UG/L)	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL
SODIUM 200.8 (UG/L)						
200.8 (UG/L)	12.00	33.00 J Q	6.30	11.00		
ANTIMONY	0.20 U U	0.20 U U	0.20 U UJ B	0.20 U U		
ARSENIC	0.50 U UJ B	0.50 U U	0.50 U UJ B	2.30		
BARIUM	38.00	17.00	0.80	6.30		
BERYLLIUM	0.20 U UJ B	0.20 U UJ B	0.20 U UJ B	0.20 U U		
CADMIUM	0.20 U U	0.20 U U	0.20 U U	0.20 U U		
CHROMIUM, TOTAL	I.40 J B	0.40	0.60	1.10		
LEAD	1.20	53.00	1.00	10.00		
NICKEL	1.20	0.50 U U	0.50 U U	0.50 U U		
SELENIUM	2.00 U U	2.00 U U	2.00 U U *12,\$	3.10		
THALLIUM	0.20 U U	0.20 U U	0.20 U U	0.20 U U		
MERCURY	U U 0.10	0.10 U	0.10 U U	0.10 U U		
E300 (MG/L)						
NITROGEN, NITRATE (AS N)	0.50 U U	0.50 U U	0.50 U UJ L	1.10 J L		
E335.4 (MG/L)						
CYANIDE	0.02 U U	0.02 U U	0.02 U U	0.02 U U		
E353.2 (MG/L)						
NITROGEN, NITRITE	0.01 U	0.01 U	0.01 U UJ H	0.01 U UJ H		
300.0 (MG/L)					,	
CHLORIDE (AS CL)					7.80	
SULFATE (AS SO4)					5.20	

Depths are measured in feet below the water table.

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

ACS46 ACS46 ACS46 ACS41 ACS42 ACS45 ACS4	GIS LOCID							PPAWSMW-2	
AMANTEGA	LAB_EPA_NO	AC898		AC848		AC841	AC842	AC923	
### AMASTITUTAL LAM BEN GOLD #### AMASTITUTAL LAM BEN GOLD ####################################	Date Sampled							7/22/99	
MANTITED LONG FOUND MANTITED LONG FOUND COME	Depth							0-10	
200 1.00 U 1.00 U 1.00 U 2.00 1.00 U 2.00 2.00 3.00 U 3.00 U 3.00 U 3.00 U 40.00 U 3.00 U 40.00 U 14.10 U 14.10 U 0.01 U	Method Analyte	ANALYTICAL RESULT	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL LAB RESULT QUA	REV QUAL	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB RE RESULT QUAL QU	SV QUAL
ENCARBONATE (A. S. DICARBONATE (A. S. C.	310.1 (MG/L)								
1.00 U U 1.00 U U 1.00 U U 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2.0	ALKALINITY, BICARBONATE (4)	₹						2.00	
1.00 U U U 2.00 1.00 I U U U U U U U U U U U U U U U U U U	ALKALINITY, CARBONATE (AS	7.0						n	
AMMONIA (AS N) RITE (AS N) RITE (AS N) 8.400 U 40.00 U 5.20 U 7.10 U	ALKALINITY, HYDROXIDE (AS							D	
RUTE (AS N) RRITE (AS N) RRITE (AS N) S., TOTAL ORTHOP! S., TOTAL	ALKALINITY, TOTAL (AS CACC	·						2.00	
IRITE (AS N) 1St. TOTAL ORTHOP 1St. TOTAL	NITROGEN. AMMONIA (AS N)							0.16	H
IRITE (AS N) 1S, TOTAL ORTHOP 1S, TOTAL ORTHOP 1S, TOTAL ORTHOP 1S, TOTAL	353.2M (MG/L)								!
US, TOTAL ORTHOP! 5.00 U U 5.00 U U 6.10 U U 7.1) 7.1) 7.2) 7.3) 7.4) 7.4) 7.4) 7.5) 7.6) 7.7) 7.7) 7.8) 7.9 7.9 7.9 7.9 7.9 7.9 7.9 7.	NITRATE/NITRITE (AS N)							0.02	
S.CACO3) S.CACO3) S.CACO3 S.CA	365.2 (MG/L)								
S.CACO3) S.CACO3) S.CACO3) S.CACO3 S.C	PHOSPHORUS, TOTAL ORTHOF	<u></u>						0.03	
SCACO3) SCACO3 SCACO3) SCACO3) SCACO3 SCAC	CYAN (UG/L)								
A0.00 U U U U U U U U U U U U U U U U U U	CYANIDE							n	
A 40.00 U V V V V V V V V V V V V V V V V V V	IM40HD (MG/L)								
36.60 B UJ B 3.70 U U C 14.10 U U U C 14.10 U U U U U U U U U U U U U U U U U U U	HARDNESS (AS CACO3)								
36.60 B UJ B 37.0 U U 5.20 U U 6.40 U U 6.40 U U 6.90 U U 6.80 U U	IM40HG (UG/L)								
36.60 B UJ B 3.70 U U 5.20 U U 14.10 U U 0.40 U U 0.90 U U 0.90 U U 0.80 U U	MERCURY								
36.60 B UJ B 3.70 U U 5.20 U U 14.10 U U 0.40 U 0.90 U	IM40MB (UG/L)								
3.70 U U 5.20 U U 14.10 U U U U U U U U U U U U U U U U U U U	ALUMINUM							n	
5.20 U U U U U U U U U U U U U U U U U U U	ANTIMONY			_				n	
14.10 U U U U U U U U U U U U U U U U U U U	ARSENIC				_			D	
0.40 U U U 0.90 U U U U U U U U U U U U U U U U U U U	BARIUM							n	
0.90 U U U U 0.80 U U U 0.80 U U U	BERYLLIUM							n	
1120.00 B 0.80 U U	CADMIUM							b	
O 080 U U	CALCIUM							1120.00 B	
	CHROMIUM, TOTAL							ח	

Depths are measured in feet below the water table.

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OEES Technical Information Systems RGEN Ver. 2w

VALIDATED MMR DATA, DECEMBER 1999

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CDOID K. METALCAWET CHEMISTRY (WATER)	
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CO ACS48 ACS41 ACS42 ACS45							
CALL Confined Call Cal	LAB EPA NO	AC898	AC848	AC841	AC842	AC923	:
OLD Confined	poled					7/22/99	
GIJ Confined GIZ Confined GI						0-10	
62) Continued 52,0 U U 770,00 170,00 170,00 170,00 170,000	Aethod Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUA	QUAL CODE
3.40 U U 170.00 UM ESE ESE A0 U U 170.00 B A A B A A B A B A B A A B A B A B A B	3 (UG/L) Continued						
ESE	LT					n	
170,00 1	COPPER					n	
ESE	IRON					170.00	
1990,00 B 5.10 B 1990,00 B 199	LEAD					n	
ESE A 10 B A	JESIUM					1090.00 B	
M4 4.00 U U U U U U U U U U U U U U U U U U	SANESE						
MA 658.00 B J 310 U U U 250 U U U U U U 250 U U U U U U U U U U U U U U U U U U U	NICKEL					n	
3.10 U U U 2.250 U U U 3.00 U U U 3.00 U U U U U U U U U U U U U U U U U U	SSIUM					В	01*
2.50 U U S190.00 U U S190.00 U U U U U U U U U U U U U U U U U U	SELENIUM					n	B,*2
AM 3.00 U U 2.50 U U 2.50 U U U 7.10 B UJ 1.10 U U U 2.60 U UJ 2.6	SILVER					n	
3.00 U U 2.50 U U 7.10 B UJ 1.10 U U 1.10 U U UJ 2.60 U	SODIUM					5190.00	
M 2.50 U U 7.10 B UJ 1.10 U UJ 1.10	THALLIUM					D	
7.10 B U 1.10 U U 1.10 U U 2.60 U U 3.60 U U 6.50 U U	VANADIUM					n	
GANIC CARBON 0.50 U U						В	
KGANIC CARBON O 0.50 U U O 0.50 U U	MOLYBDENUM					n	
KGANIC CARBON 0.50 U	BORON					D	
	TOC (MG/L)					,	
	C ORGANIC CARBON)	

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

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Cold	7-1				LAB				D	n		n	Ω				D	Ŋ	n		n			n					
Cold	NPW				TICAL		5.20		0.20	0.50	7.50	0.70	0.70	1.20	2.60	1.60	2.00	0.20	01.0		0.50	0	3.07	0.01					
Cold	(RO)	33	66		NALY)	J		J	J	1		_	(4	J	J					J					
SANGECON RANGECON RANGECON RANGECON	EXI	1C93	//27/		A																								
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DCID PA_NO PA_NO ACS	CO				YTICA		5.86		0.20	0.50	1.30	0.20	0.20	1.30	0.80	0.50	2.10	0.20	0.10		0.50	(0.0	0.0					
DCID PA_NO PA_NO ACS	ZGE	843	66/9		ANAL				-																				
IS_LOCID ate Sampled epth lethod Analyte 200.8 (UGL) SODIUM 200.8 (UGL) ANTIMONY ARSENIC BARIUM CADMIUM CADMIUM CHROMIUM, TOTAL LEAD NICKEL SELENIUM MERCURY 300 (MGL) NITRATE (AS N) 335.4 (MGL) CYANIDE 353.2 (MGL) CHLORIDE (AS CL) SULFATE (AS SO4)	RAI	AC	7/15																										
IS_LOCID ate Sampled epth lethod Analyte 200.8 (UG/L) SODIUM 200.8 (UG/L) ANTIMONY ARSENIC BARIUM CADMIUM CHROMIUM, TOTAL LLEAD NICKEL SELENIUM THALLIUM MERCURY 300 (MG/L) CYANIDE 355.2 (MG/L) NITROGEN, NITRITE 700.0 (MG/L) CYANIDE 355.2 (MG/L) CYANIDE CHLORIDE (AS CL) SULFATE (AS SO4)																					(
IS_LOCID ate_Sampled epth lethod Analyte 200.8 (UGL) SODIUM 200.8 (UGL) ANTIMONY ARSENIC BARIUM CADMIUM CHROMIUM, TOTAL LEAD NICKEL SELENIUM MERCURY 300 (MGL) VITROGEN, NITRITE OANIDE 353.2 (MGL) CHLORIDE (AS CL) SULFATE (AS SO4)																					SN								
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AB EPA NC ate Sampled epth lethod Analyte 200.8 (UGL) ANTIMONY ARSENIC BARIUM BERYLLIUN CADMIUM CHROMIUM LEAD NICKEL SELENIUM THALLIUM MERCURY 300 (MGL) NITROGEN, 335.2 (MGL) CHLORIDE SULFATE (F						3						Į		l, T0							Z	~		N		(AS	200		
AB EPA ate Samp epth fethod Analyte 200.8 (U SODIUN 200.8 (U ANTIMA ARSENI BERYLI CADMII CHROM LEAD NICKEL SELENI THALLI MERCU 300 (MG NITROG 335.2 (M NITROG 353.2 (M NITROG CHLORI SULFAI	D	NC	led B			NGN	Į	G/L)	NA	C	Į	JU.	JM	IUM			NM	MD	RY	(7/2	EN,	IG/L	JE Z	EN,	(7/2	IDE) H		
ABB ate 5 ABB Anal Anal Anal Anal Anal Anal Anal Anal	OCI	EPA	amp		ba	BA	NIC	8 (U	TIME	SENI	SIUN	XILI	DMIL	MON	9	KEL	ENI	VLLI	RCU	MG	ROC	4 (M	ANIL S	ROG	(MC	OR	,FA		
	IS I	AB	ate S	epth	Tetho	3111	SOL	200.	AN	ARS	BAF	BER	CAI	CH	LEA	NIC	SEL	THA	ME	300	Z	335.	CY,	F	0.00	CHI	SU		

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

GIS LOCID							
LAB_EPA_NO	AC843	AC844	AC933	AC934	AC849		
Date Sampled							
Depth							
Method Analyte	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL L RESULT	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	Эm
310.1 (MG/L)							
ALKALINITY, BICARBONATE (A	4						
ALKALINITY, CARBONATE (AS	S						
ALKALINITY, HYDROXIDE (AS							
350.2M (MGL)							
NITROGEN, AMMONIA (AS N)							
353.2M (MG/L)							
NITRATE/NITRITE (AS N)							
365.2 (MG/L)							
PHOSPHORUS, TOTAL ORTHOP	<u>a.</u>						
CYAN (UGL)							
CYANIDE							
IM40HD (MG/L)							
HARDNESS (AS CACO3)							
IM40HG (UG/L)							
MERCURY							
IM40MB (UG/L)							
ALUMINUM							
ANTIMONY							
ARSENIC							ysten
BARIUM							
BERYLLIUM							
CADMIUM							
CALCIUM							
CHROMIUM, TOTAL							_ 500
Danthe are measured in feet helow the water table	a troper toble						Ĭ

Depths are measured in feet below the water table.

Ogden Environmental and Energy Services

OEES Technical Information Systems RGEN Ver. 2w

VALIDATED MMR DATA, DECEMBER 1999

GROUP K: METALS/WET CHEMISTRY (WATER)

				AB REV QUAL UAL QUAL CODE		OEES Technical Information Systems
	AC849			ANALYTICAL LAB REV RESULT QUAL QUAL		
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL		
	AC934			ANALYTICAL I RESULT		
				AB REV QUAL		
	AC933			ANALYTICAL LAB REV RESULT QUAL QUAL		
	7			LAB REV QUAL QUAL QUAL CODE		
	AC844			ANALYTICAL LA RESULT QU		
	A			ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		
	AC843			ANALYTICAL LA RESULT Q		woter toble
					uinued	Danke are measured in feet helow the water toble
OCID	LAB_EPA_NO	Date Sampled		d tte	COBALT COBALT COPPER IRON LEAD MAGNESIUM MANGANESE NICKEL POTASSIUM SELENIUM SILVER SODIUM THALLIUM VANADIUM ZINC MOLYBDENUM BORON TOC (MGL) TOTAL ORGANIC CARBON	i positocom este
GIS_LOCID	LAB_I	Date S	Depth	Method Analyte	M40MB (UCOPPER IRON LEAD MAGNESII MANGANI NICKEL POTASSIU SELENIUM SIL VER SODIUM THALLUN VANADIU ZINC MOLYBDE BORON TOC (MG/L) TOTAL OR	Dortho





VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

00 11 111		MW-60		MW-60		MW-60		09-MW		
AC863		AC864		AC865		AC866		AC867		
7/20/99		7/20/99		7/20/99		7/20/99		7/21/99		
15-19		20-22		30-32		40-44		50-52		
ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	A CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	EV QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL CODE	REV QUAL		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL	V QUAL
9.80 J	F, *2			16.00	F	4.50	J F,*2		2.40 U UJ	J *2
0.03				0.02		0.03		0.02	2 U U	
01				97.54		00 00		01 32	9	-
08.70				3/.00		00.70		-	 >	
0.52 U U		0.53 U U		0.54 U U		0.55 U	n	0.53	3 U U	
0.04 U U		0.04 U U		0.05 U U	7	0.05 U	n	0.05	15 U U	
1480.00		1070.00		1590.00		1740.00		1620.00	0	
U U 68.0		0.74 U U		0.51 U U	7	U 86.0	n	0.93	n	
U 0.89 U	1 B,*2	0.74 U UJ	*2	0.85 B J	01* 1	1.10 B	J B,*2	B, *2, *10 0.93	ח	UJ B,*2
6.50 B		8.00 B		7.00 B		6.50 B		7.8	7.80 B	
0.12 B		0.05 B J	01*	0.13 B		0.15 B		90.00	16 B J	*10
0.07 U		N 0.06 U		0.12 U U		U 80.0	n	0.07	U U	
154.00 B		117.00 B		316.00 B		327.00 B		190.00	10 B	
3.80		4.10		6.70		4.90		4.60	0	
1.40 B		1.60 B		1.30 B		1.40 B		1.70	0 B	
3.60 B		09.9		3.30 B U	UJ B	4.40 B		3.6	3.60 B	
4440.00		3630.00		4240.00		4630.00		4390.00	0	
2.80		2.60		2.00		3.10		3.20	0	
606.00 B		435.00 B		8 00.629		731.00 B		754.00 B	0 B	
99.20		201.00		85.40		90.00		252.00	00	
1.90 B		2.00 B		3.70 B U	UJ B	3.20 B		3.60	0 B	

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

AC865 AC866				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1,00
15-10-99 772		AC863	AC864	AC865	AC866	AC867
15-19 15-1		7/20/99	7/20/99	7/20/99	7/20/99	7/21/99
MANATOR MANA		15-19	20-22	30-32	40-44	50-52
336.00 B		ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE
33.606 B	3) Continued				1	6
0.50 U		336.00 B				
11.00 U U B 0.35 U U 89.58 U U 123.01 U U 116.96 U U U 116.96 U U U 116.96 U U U 116.96 U U U 116.96 U U U U U U U U U			n	n n	Þ	
111.90 U U 116.90 U U U U U U U U U		U UJ	n	D	u u	n
6.40 B 4.80 B 4.80 B 3.80 B 4.80 B 3.80 B 3.90 B J.00 B J.30			n	ח	ח	
5.50 B 3.00 B 4.80 B 3.80 B 3.80 B 3.210 11.10 U U 7.40 U U 1.00 U U 1.11 U U 1.11 U U 101.00 U U 102.00 U U 102.00 U U 102.00 U U 103.00 U U		~	0.75 B	U UJ	D	>
11.10 U U U		5.50 B	3.00 B	4.80 B		3.90 B
100 U U U 102.00 U U 102.00 U U 102.00 U U 102.00 U U 103.00 U U U U 103.00 U U U U 103.00 U U 103.00 U U 103.00 U U U 103.00 U U 103.		11.10	5	7.50	13.60	32.10
101.00 U U 0.84 U U 0.36 U U B 1.11 U U U 1.10 U U 101.00 U U 102.00 U U 102.00 U U 103.00 U U 103.00 U U	M	B	3.10	В Ј	BJ	0.92 B
101.00 U U 102.00 U U 103.00 U U 103.00 U U 103.00 U U			n	U UJ	n	
W. S. W. W. S. W. W. Starter & W. W. W. Starter & W.	NIC CARBON					
EES Technical Information Systems RGEN Ver. Sw.						
PEES Technical Information Systems RGEN Ver. 2w						
FES Technical Information Systems RGEN Ver. 2w						
PES Technical Information Systems RGEN Ver						
PES Technical Information Systems RCEN						
NEES Technical Information Systems Re						
SES Technical Information Systemation Systemation Systems (1982)						
PES Technical Information						
Technical Information (1997)						
PES Technical						
2.539						

Depths are measured in feet below the ground surface.

GROUP L: METALS/WET CHEMISTRY (SOIL) VALIDATED MMR DATA, DECEMBER 1999

GIS_LOCID	09-MM	MW-60	MW-60	MW-60		MW-61		
LAB EPA NO	AC868	AC869	AC870	AC871		AC886		
Date Sampled	7/21/99	7/21/99	7/21/99	7/21/99		7/27/99		
	60-62	70-72	80-84	90-92		10-14		
	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	QUAL ANALYTICAL LAB CODE RESULT QUAI	LAB REV QUAL QUAL QUAL CODE	ANALYTICAL LAB REV RESULT QUAL QUAL	REV QUAL CC	QUAL
350.2M (MG/KG)								
NITROGEN, AMMONIA (AS N)	2.40 U UJ *2	2.60 J F	F,*2 2.40 U UJ *2	2.70	J F,*2	2.70	J	F, *2
353.2M (MG/KG)								
NITRATE/NITRITE (AS N)	0.23	0.01	0.23	0.02 U	D	0.02 U		
365.2 (MG/KG) PHOSPHORUS, TOTAL ORTHOP	45.80	48.90	99	40.50		101.00	~	
CYAN (MG/KG)								
CYANIDE	0.54 U U	0.54 U U	0.54 U U	0.56 U	n	0.55 U	n	
IM40HG (MG/KG)								
MERCURY	0.05 U U	0.04 U U	0.05 U U	0.04 U	n	0.05 U	n	
IM40MB (MG/KG)								
ALUMINUM	980.00	1020.00	2590.00	753.00		2390.00		
ANTIMONY	0.85 U U	0.79 U U	0.84 U U	U 0.87 U	n	0.73 U	n	
	0.85 U UJ B,*2	0.79 U UJ B	B,*2 0.84 U UJ B	B,*2 0.96 B	J B,*2,*10	1.00 U	n	
	3.60 B J *10	3.60 B J *	*10 6.50 B	3.10 B	01* f	6.90 B		
BERYLLIUM	0.08 B J *10	0.08 B J *	*10 0.13 B	0.08	01* f	0.18 B		
CADMIUM	0.07 U U	0.06 U U	U 0.06 U U	U 20.0	n	U 81.0		
CALCIUM	108.00 B	71.00 B J *	00.696 01*	52.70 B	01* f	277.00 B		
CHROMIUM, TOTAL	2.40	2.90	2.60	3.70		17.00		
	0.72 B J *10	9.69 B J *	*10 2.20 B	0.51 B	01* L	1.90 B		
	1.70 B	1.50 B	4.90	1.50 B		7.20	UJ B	
	2490.00	2860.00	6130.00	2600.00		6950.00		
	1.80	1.50	3.00	1.50		1.60		
MAGNESIUM	306.00 B	351.00 B	1850.00	223.00 B		1350.00		
MANGANESE	27.70	21.20	97.10	16.10		129.00		
	1.20 B	1.30 B	2.00 B	1.00 B		6.70 B	UJ B	EES L

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GROUP L: METALS/WET CHEMISTRY (SOIL)

MW-61	AC886	7/27/99	10-14	ANALYTICAL LAB REV QUAL ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE		2 516.00 B	U UJ B 0.50 U U	U U 129.11 U U	U U 0.59 U U	B 6.40 B	UJ B 20.30	B 3.30	U U 0.52 U U B	11 1100.101						
09-MM	AC871	7/21/99	90-92	ANALYTICAL		0.48 [U	0.42	108.52	0.37	4.00	4.00	0.71	0.98	100 801						
MW-60	AC870	7/21/99	80-84	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		341.00 B 0.47 U U	b	104.61 U U	0.48 B J *10	8.50	18.80	0.45 B J *10	0.95 U	11 11 00 201						
MW-60	AC869	7/21/99	70-72	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		25.00 B 0.44 U	ח	98.70 U	0.33 U U	3.90 B	10.30	0.47 B	0.89 U	103 00 [1]						
MW-60	AC868	7/21/99	60-62	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	00000	0.48 U	, D	106.63 U U	0.36 U U	2.80 B J B	8.60 UJ B	0.53 B	U U CO	103 00 111						
GIS_LOCID	LAB_EPA_NO	Date Sampled	Depth	Method Analyte	IM40MB (MG/KG) Continued	POTASSIUM SELENIUM	SILVER	SODIUM	THALLIUM	VANADIUM	ZINC	MOLYBDENUM	BORON	TOC (MG/KG) TOTAL ORGANIC CARBON	_	-				

Depths are measured in feet below the ground surface.

VALIDATED MMR DATA, DECEMBER 1999

(SOIL)	
GROUP L: METALS/WEI CHEMISTRY (SOIL)	
ALS/WEI C	
r L: MEI	
GROUP	

				EV QUAL CODE								n		n			n	ם	0I* I	01* f	n) %I	Z ING	0I* I	U B	is avi	, , , , , , , , , , , , , , , , , , , ,	7 -1 S	- juqo	Cl B
10- W TAI	AC891	7/28/99	60-62	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE								0.53 U		0.04 U		1020.00	U 19.0	0.86 U	3.70 B	0.12 B	0.15 U	82.20 B	4.40	0.83 B	2.60 B	2960.00	1.00	352.00 B	27.70	2.50 B
				QUAL														01*							В					В
				B REV AL QUAI								D		D			D	7			D				n					5
	AC890	7/28/99	50-52	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL								0.54 U		0.05 U		2130.00	0.58 U	1.10 B	13.80 B	0.20 B	0.14 U	159.00 B	5.10	1.80 B	4.50	3860.00	3.30	990.00	59.40	3.40 B
	1	2	φ,	QUAL .														*10	*10					01*	В					В
				REV L QUAL								D		D			D	٢	ſ		D			7	U					5
	AC889	7/28/99	42-44	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE								0.51 U		0.05 U		1260.00	0.58 U	0.82 B	4.40 B	0.13 B	0.14 U	92.00 B	1.90	0.86 B	2.70 B	2590.00	1.30	472.00 B	48.90	2.40 B
	7		4	QUAL														01*							В					В
				REV QUAL								D		D			ב	ſ			D				m					n
				IL LAB QUAJ								N 9		5 U		0	2 U	0 8	0 B	2 B	n 9	OB	0	I.60 B	0	0	6	O B	0) B
	AC888	7/27/99	30-32	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE								0.56		0.05		1880.00	0.65	1.10	9.10	0.22	0.16	338.00 B	9.10	1.6	5.20	5350.00	3.90	865.00 B	145.00	3.70
	7			QUAL																				01*	В					В
				REV L QUAL								D		n			ח	ח	D	D	D	D		5	n					m
	AC887	7/27/99	22-24	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE								0.55 U		0.05 U		868.00	0.74 U	1.00 U	2.83 U	0.08 U	0.18 U	53.98 U	2.10	0.70 B	2.60 B	2500.00	1.00	273.00 B	22.40	2.80 B
GIS_LOCID	CAB_EPA_NO	Date Sampled 7		Method Analyte	350.2M (MG/KG)	NITROGEN, AMMONIA (AS N)	353.2M (MG/KG)	NITRATE/NITRITE (AS N)	365.2 (MG/KG)	PHOSPHORUS, TOTAL ORTHOP	CYAN (MG/KG)	CYANIDE	IM40HG (MG/KG)	MERCURY	IM40MB (MG/KG)	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM, TOTAL	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	NICKEL

Ogden Environmental and Energy Services

Depths are measured in feet below the ground surface.

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VALIDATED MMR DATA, DECEMBER 1999 GROUP L: METALS/WET CHEMISTRY (SOIL)

	Ι	T															-	116 20/	BCEN	3445713	doitem	ofal Info	udos
				QUAL		B,*2			*				В										
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		m	n	n	n				n										
				LAB	В	n	n	n	n	B		B	n										
				TICAL	219.00 B	0.51	0.41	107.14 U	0.49	3.20	4.80	16.0	0.43										
10	1	66	21	NALYT	213	_	_	10,	_	,	4												
MW-61	AC891	7/28/99	60-62	<																			
				AL		B,*2			- \														
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE					1 *2				J B			 							
				B RE		n			<u>5</u>				<u>n</u>			 							
				AL LA QU	614.00 B	0.49 U	0.39 U	102.00 U	0.47 U	80 B	02	6) B	0.41 U			 							
				LYTIC	614.0	0.4	0.3	102.0	0.4	4.60	8.20	0.49	0.4										
MW-61	AC890	7/28/99	50-52	ANA																			
Σ	AC	7/2	50																				
				QUAL		B,*2						*10	В										
				REV QUAL		U	D	b	n			ſ	n										
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	B	Ω	n	D	D	B		В	D										
				TICAL	258.00 B	0.49 U	0.39 U	102.40 U	0.47	3.50 B	5.50	0.31	0.41										
-61	68	66/	4	REST	25			10															
MW-61	AC889	7/28/99	42-44													 							
				JAL		B,*2							_										
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		UJ B	_				_		U B										
				AB UALQI			<u>U</u>	J U	J U	~						 							
				CAL L	637.00 B	0.55 U	0.44 U	115.05 U	0.53 U	4.00 B	13.10	1.60 B	0.46 U			 							
=	00	6		ALYTI RESULI	637.	0.	0	115	0	4.	13.	1.	0.										
MW-61	AC888	7/27/99	30-32	AN																			
2	A	7	3	ا ا		7										 							
				ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE	01*	B,*2						<i>01</i> *	В										
				REV L QUA	-	n	n	D	D	_		7	n										
	-			LLAB	0 B	<u>C</u>	DC	4 U	n c	3.60 B	0	0.36 B	0.52 U										
				YTICA	182.00 B	0.62 U	0.50 U	130.64 U	O.60 U	3.6	4.60	0.3	0.5										
MW-61	AC887	7/27/99	24	ANAL	I		-																
Ź	AC	7/2	22-24																				_
					7									5	7								
					IM40MB (MG/KG) Continued POTASSIUM									OC (MG/KG)									
					Conti									1	2								
					(9)							JM		JIM	71417								
_	0N	Ŗ			NG/I	M			JM	NM		MOLYBDENUM		KG)	Ž.								
GIS_LOCID	LAB EPA NO	Date Sampled	-	d	M40MB (MG/ POTASSIUM	SELENIUM	'ER	SODIUM	THALLIUM	VANADIUM	r)	YBL	NO	TOC (MG/KG)	7								
SL	AB E	ate S	Depth	Method Analyte	440A POT	SEL	SILVER	SOD	THA	VAN	ZINC	MOI	BORON	0C (
5	L	Ω̈́	Ĭ	Z	5									T									

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

	blank			L LAB REV QUAL QUAL QUAL QUAL QUAL CODE																			
	Intentionally blank			ANALYTICAL RESULT																			
				QUAL							01*	01*	<u></u>		01*			В					В
				3 REV		n				Þ	7	7		D	7		D	n		_			n
MW-61	AC894	7/28/99	90-92	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.55 U	0.05 U		738.00	0.49 U	0.97 B	3.10 B	0.12 B	0.12 U	71.00 B	1.80	0.45 U	2.00 B	2410.00	1.20	177.00 B	15.00	2.10 B
	,		0.	QUAL .								01*	01*					В					В
				REV L QUAL		D)		ח		7	7	ח				n					D
				AL LAB QUA		3 U	11 5		00	0.55 U	0,	3.90 B	12 B	0.13 U	10 B	0	1.40 B	2.80 B	00	90	10 B	02	30 B
MW-61	AC893	1/28/99	80-82	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.53	0.05		926.00	0.5	2.40	3.9	0.12	0.1	127.00 B	2.30	1.4	2.8	5250.00	0.96	330.00 B	42.50	2.50
				QUAL							01*	01*	01*		$0I_*$			В					В
				REV QUAL		Þ	=)		D	>	7	5	D	7		D	U					n
				L LAB QUA		2 U			0	0.53 U	1.00 B	2.30 B	0.10 B	3 U	O B	0	0.49 U	2.20 B	0	0	OB	0	0 B
MW-61	AC940	7/28/99	70-72	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.52	0.04		655.00	0.5	1.0	2.3	0.1	0.13	48.30 B	2.90	0.4	2.2	2290.00	1.00	178.00 B	12.10	1.10
				QUAL							01*							В				,	В
				REV L'QUAL		n	=)		n	5	D		D	n		D	5					n
				AL LAB QUA		4 U	0.04	-	0	D 99.0	1.00 B	1 U	5 B	n 9	4 U	0	09.0	2.10 B	0	0.	B O	0	2.40 B
MW-61	AC892	7/28/99	70-72	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE		0.54	0		711.00	9.0	1.0	2.51	0.15	0.16	47.84 U	2.60	9.0	2.1	2410.00	1.50	253.00 B	14.10	2.4
	7				50.2M (MG/KG) NITROGEN, AMMONIA (AS N) 53.2M (MG/KG) NITRATE/NITRITE (AS N) 65.2 (MG/KG) PHOSPHORUS, TOTAL ORTHOPY VAN (MG/KG)																		
					50.2M (MG/KG) NITROGEN, AMMONIA (4 53.2M (MG/KG) NITRATE/NITRITE (AS N) 55.2 (MG/KG) PHOSPHORUS, TOTAL OF		6	S								CHROMIUM, TOTAL							
	ON	ed			350.2M (MG/KG) NITROGEN, AN 353.2M (MG/KG) NITRATE/NITR 365.2 (MG/KG) PHOSPHORUS	H	IM40HG (MG/KG) MERCIRY	IM40MB (MG/KG)	NM	NY	()		IUM	M	7	UM, 1	,				SIUM	MANGANESE	
GIS LOCID	LAB EPA NO	Date Sampled	-	od lyte	350.2M (MG/KC NITROGEN, ↓ 353.2M (MG/KC NITRATE/NII 365.2 (MG/KG) PHOSPHORU	CYANIDE	MERCI IRV	MB (ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	ROM	COBALT	COPPER	Z	LEAD	MAGNESIUM	NGA	NICKEL
SIS	LAB	Date	Depth	Method Analyte	350.2 NIT 353.2 NIT 365.2 PH(CY.	IM46	IM40	AL	AN	AR	BA	BE	CA	CA	CH	00	00	IRON	LE	MA	MA	NIC

VALIDATED MMR DATA, DECEMBER 1999

GROUP L: METALS/WET CHEMISTRY (SOIL)

MW AC 7/28	MW AC AC TO	MW-61	AC893 AC894 Intentionally blank	7/28/99	80-82	ANALYTICAL LAB REV QUAL RESULT QUAL QUAL CODE RESULT QUAL QUAL CODE	69.00 B 0.44 U UJ B.*2 0.46 U UJ B.*2 0.37 U U 0.43 U UJ 8.2 0.45 U UJ 8.2 0.40 B 0.41 U UJ B.*2 0.40 UJ 8.2 0.41 U UJ 8.2 0.42 U UJ 8.2 0.45 U UJ 8.2 3.60 B 3.60 B 4.30 6.51 B 0.37 U UJ B 0.39 U UJ B 0.35 U UJ B 0.35 U UJ B 0.35 U UJ B	2 noisemoint l
	MW-61 AC892 7/28/99 70-72 163.00 B J 0.55 U UJ 0.53 U UJ 0.54 U U 0.53 U UJ 0.50 B 0.50 B 0.50 B 0.50 B 0.50 B	MW-61	AC940	7/28/99	70-72		*10 169.00 B,*2 0.44 0.36 *2 0.43 3.70 3.10 0.51 B 0.37	

Depths are measured in feet below the ground surface.

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